BF

ENGINEERING, INC.

Waste Industry Experts

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October 15, 2007

Ms. Becky L. France
Environmental Engineer Senior
Virginia Department of Environmental Quality
West Central Regional Office
3019 Peters Creek Road
Roanoke, VA 24019

DEQ-WCRO
OCT 17 2007
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Re: Franklin County Sanitary Landfill
Response to Completeness Review Comments
VPDES - Permit Application
JEI Project No. 459.00 Task No. 31 Subfolder 02

Dear Ms. France:

On behalf of Franklin County (County), Joyce Engineering, Inc. (JEI) is submitting this response to your e-mail dated September 5, 2007 and letter dated July 20, 2007, in which comments are presented regarding the completeness review on the VPDES permit application and fee form for the Franklin County Landfill. JEI has revised the VPDES Permit Application to address the comments presented in your letter. Copies of the revised, pertinent section of the application are enclosed for your review. For ease of review, your comments are reproduced below in *italics*, followed by our response.

Form 2D, Form 2F: Outfall Designations

There appears to be some discrepancies regarding the location of the outfalls. The July 13, 2007 letter indicates that outfall 001 is the discharge from the remediation pipe and outfall 101 is the storm water discharge from the sediment basin. The letter indicates that there is no outfall 901. However, Form 2D and Form 2F indicate that the receiving water for outfall 001 is the North Fork of Little Chestnut Creek. Outfalls 901/101 are listed as an internal outfall from the sediment basin. Page 1 of Form 2F also indicates that outfall 101 consists of the discharge of treated ground water and that outfall 901 is the storm water discharge from the sediment basin. Outfall 001 is the discharge to the North Fork of Little Chestnut Creek. The information in the letter seems to conflict with the description on the permit application forms.

Treated ground water and storm water is discharged to an intermittent stream which has a drainage area at the point of discharge located entirely on the facility's property. In accordance with current Agency policy, this intermittent stream is considered a conveyance and water quality standards do not apply until the stream leaves the property or reaches a perennial stream (whichever occurs first). The intermittent section flows into a perennial stream at the property boundary, and it is at this point that outfall 001 is designated. Outfall 001 is not an appropriate sampling location for storm water.

The sampling location for the storm water should be at the discharge point from the sediment basin prior to the introduction of process water from ground water remediation. The VPDES

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Permit Manual specifies that internal outfalls begin with the last number of the corresponding external discharge (example: external outfall 001 internal outfalls 101, 102). Therefore, the storm water outfall may be designated as 101. The process water discharge point is also an internal discharge. This internal outfall will be [illegible] the discharge from the pipe to the intermittent stream just downstream from the storm water discharge. Samples for this internal outfall may be taken at the treatment building following the treatment system and prior to the discharge from the pipe to the intermittent stream. The discharge from this internal discharge pipe may be designated as outfall 102. No sampling will occur at the external outfall 001. Outfalls 001, 101, and 102 should be properly identified on the map (topographic map), Form 2D, and 2F. I had previously referred to the storm water outfall as outfall 901 but since process water will not be mixed with the discharge at this internal outfall location it should not be designated as internal outfall 901. The leading 0 is only substituted with a 9 when the storm water is commingled with process water, and that is not the case here.

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The drawing has been revised to indicate the correct locations of the outfalls. External Outfall 001 is located at the confluence of the intermittent stream and the North fork of Little Chestnut Creek and will not be sampled. The internal outfalls for both 102 (discharge from the pipe to the intermittent stream) and 101 (storm water) are both located immediately downstream from the sediment basin. Please note that samples from Outfall 102 will be collected at the groundwater treatment building prior to discharge to the piping that transports it downstream of the storm water discharge. Samples from the storm water outfall (Internal Outfall 101) will be collected upstream of Internal Outfall 102, so no mixing occurs.

Form 2F: Storm Water Monitoring Data

For the data that has already been collected for the storm water general permit, please include calculated values requested on your application. Fill in Table VII, Part A for grab storm water sampling data which includes BOD_5, total suspended solids, and pH. Fill in Table VII, Part B for grab storm water sampling data which includes ammonia, alpha terpineol, benzoic acid, p-cresol, phenol, and zinc. All the information collected for the current storm water general permit should be used to calculate the maximum and average values. Also, note the number of sampling events associated with these values.

Forms 2D and 2F have been revised (and re-signed and dated) to show the results of these analyses.

As discussed in our telephone conversation yesterday, please provide information as to which ground water monitoring wells are in the location of the plume associated with the ground water that will be treated. I will compile the data for these wells as baseline information to be used to determine future effluent monitoring needs. Please revise the application materials and send re-signed and dated application forms to this office.

The wells in the location of the plume are as follows: MW-2, MW-17S/D, OW-1S/1D, and MW-12 through 14. Also, based on our conversation I am resending you the results of the sampling of these wells (Please see Table 1, below).

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Table 1
Franklin Co.
Summary of VPDES Analytical Parameters

Sample Pt.	MW-2	MW-12	MW-13	MW-14	OW-1S	EW-1
Date	11/8/2005	11/8/2005	11/8/2005	11/8/2005	11/12/2006	11/12/2006
Temperature (°C)	15.1	14.4	14.1	14.0	14.9	19.5
pH (SU)	6.27	5.54	5.78	6.26	5.58	4.46
Conductivity (µS)	517.0	41.4	140.2	219.0	824.0	572.0
Turbidity (ntu)	18.9	11.0	5.7	5.8	23.8	21.9
Date	11/9/2006	11/9/2006	11/9/2006	11/9/2006	**Avg.**	
Temperature (°C)	14.1	13.9	13.8	13.5	**14.7**	
pH	6.26	5.34	5.69	6.52	**5.8**	
Conductivity (µS)	638.0	35.0	133.2	225.0	**334.5**	
Turbidity (ntu)	11.5	171.0	7.0	13.4	**29.0**	
Date			11/29/2006	11/29/2006	7/5/2006	
Dissolved Cadmium (mg/l)			<0.00012	<0.00012		
Dissolved Chromium III (mg/l)			<0.002 *	<0.002 *		
Dissolved Chromium VI (mg/l)			0.02 (<0.005**)	<0.003		
Dissolved Selenium (mg/l)			0.0055	< 0.002		
Dissolved Silver (mg/l)			< 0.002	< 0.002		
Dissolved Thallium (mg/l)			< 0.004	< 0.004		
Dissolved Zinc (mg/l)			0.0025 J	0.042 J		
Oil and Grease (mg/l)			< 3	< 3		
BOD (mg/l)					5	
COD (mg/l)			< 10	< 10		
TOC (mg/l)					6.31	
TSS (mg/l)					5	
Ammonia (mg/l)			0.04 J	0.03 J	< 0.1	
Phosphorus (mg/l)			0.061	0.02 J		
TKN (mg/l)			<0.04	<0.04		
NOx (mg/l)			0.68	0.12		

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Table 1 (cont.)
Franklin Co.
Summary of VPDES Analytical Parameters

Sample Pt.	MW-2	MW-12	MW-13	MW-14	OW-1S	EW-1
Date			12/21/2006	12/21/2006		
Benzoic acid (mg/l)			0.02	0.02		
Alpha-terpineol (mg/l)			ND	ND		
Date	5/10/2007		5/10/2007			
BOD (mg/l)	10.8		< 2			
TSS (mg/l)	28		10			

* Cr-III based on total Cr results.

** Results after resample on 12/21/06.

J = estimated concentration below quantitation limit.

ND = screened for but not detected.

If you have any questions, or require additional information, please feel to contact me at (804) 355-4520 or by e-mail at tkelly@joyceengineering.com.

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Respectfully,
JOYCE ENGINEERING, INC.

Timothy M. Kelly, Ph.D., P.E.
Senior Technical Consultant

Enclosures: Revised Application – Form 2D, Form 2F, and Revised Drawing

cc: Mr. Richard E. Huff, II - Franklin County Administrator
Van Burbach, Joyce Engineering, Greensboro (with enclosures)

Please print or type in the unshaded areas only
(fill–in areas are spaced for elite type, i.e., 12 characters/inch).

Form Approved. OMB No. 2040-0086.

FORM 1 GENERAL

EPA

U.S. ENVIRONMENTAL PROTECTION AGENCY

GENERAL INFORMATION

Consolidated Permits Program

(Read the "General Instructions" before starting.)

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I. EPA I.D. NUMBER

F D

LABEL ITEMS

I. EPA I.D. NUMBER

III. FACILITY NAME

V. FACILITY MAILING ADDRESS

VI. FACILITY LOCATION

PLEASE PLACE LABEL IN THIS SPACE

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GENERAL INSTRUCTIONS

If a preprinted label has been provided, affix it in the designated space. Review the information carefully; if any of it is incorrect, cross through it and enter the correct data in the appropriate fill–in area below. Also, if any of the preprinted data is absent *(the area to the left of the label space lists the information that should appear)*, please provide it in the proper fill–in area(s) below. If the label is complete and correct, you need not complete Items I, III, V, and VI *(except VI-B which must be completed regardless)*. Complete all items if no label has been provided. Refer to the instructions for detailed item descriptions and for the legal authorizations under which this data is collected.

II. POLLUTANT CHARACTERISTICS

INSTRUCTIONS: Complete A through J to determine whether you need to submit any permit application forms to the EPA. If you answer "yes" to any questions, you must submit this form and the supplemental form listed in the parenthesis following the question. Mark "X" in the box in the third column if the supplemental form is attached. If you answer "no" to each question, you need not submit any of these forms. You may answer "no" if your activity is excluded from permit requirements; see Section C of the instructions. See also, Section D of the instructions for definitions of **bold–faced terms.**

SPECIFIC QUESTIONS	MARK 'X' YES	NO	FORM ATTACHED
A. Is this facility a **publicly owned treatment works** which results in a **discharge to waters of the U.S.**? (FORM 2A)		X	
B. Does or will this facility *(either existing or proposed)* **include a concentrated animal feeding operation** or **aquatic animal production facility** which results in a **discharge to waters of the U.S.**? (FORM 2B)		X	
C. Is this a facility which currently results in **discharges to waters of the U.S.** other than those described in A or B above? (FORM 2C)		X	
D. Is this a proposed facility *(other than those described in A or B above)* which will result in a **discharge to waters of the U.S.**? (FORM 2D)	X		X
E. Does or will this facility treat, store, or dispose of **hazardous wastes**? (FORM 3)		X	
F. Do you or will you inject at this facility industrial or municipal effluent below the lowermost stratum containing, within one quarter mile of the well bore, underground sources of drinking water? (FORM 4)		X	
G. Do you or will you inject at this facility any produced water or other fluids which are brought to the surface in connection with conventional oil or natural gas production, inject fluids used for enhanced recovery of oil or natural gas, or inject fluids for storage of liquid hydrocarbons? (FORM 4)		X	
H. Do you or will you inject at this facility fluids for special processes such as mining of sulfur by the Frasch process, solution mining of minerals, in situ combustion of fossil fuel, or recovery of geothermal energy? (FORM 4)		X	
I. Is this facility a proposed **stationary source** which is one of the 28 industrial categories listed in the instructions and which will potentially emit 100 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an **attainment area**? (FORM 5)		X	
J. Is this facility a proposed **stationary source** which is NOT one of the 28 industrial categories listed in the instructions and which will potentially emit 250 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an **attainment area**? (FORM 5)		X	

III. NAME OF FACILITY

1 SKIP FRANKLIN COUNTY SANITARY LANDFILL

IV. FACILITY CONTACT

A. NAME & TITLE *(last, first, & title)*: 2 HUFF, RICHARD, COUNTY ADMIN

B. PHONE *(area code & no.)*: 540 483 3030

V. FACILITY MAILING ADDRESS

A. STREET OR P.O. BOX: 3 40 EAST COURT STREET

B. CITY OR TOWN: 4 ROCKY MOUNT

C. STATE: VA

D. ZIP CODE: 24151

VI. FACILITY LOCATION

A. STREET, ROUTE NO. OR OTHER SPECIFIC IDENTIFIER: 5 9340 VIRGIL H. GOODE HIGHWAY

B. COUNTY NAME: FRANKLIN

C. CITY OR TOWN: 6 ROCKY MOUNT

D. STATE: VA

E. ZIP CODE: 24151

F. COUNTY CODE *(if known)*:

CONTINUE ON REVERSE

CONTINUED FROM THE FRONT

VII. SIC CODES *(4-digit, in order of priority)*

A. FIRST	B. SECOND
4953 (specify) OPERATION OF A SANITARY LANDFILL	(specify)
C. THIRD	**D. FOURTH**
(specify)	(specify)

VIII. OPERATOR INFORMATION

A. NAME: FRANKLIN COUNTY

B. Is the name listed in Item VIII-A also the owner? ☒ YES ☐ NO

C. STATUS OF OPERATOR *(Enter the appropriate letter into the answer box; if "Other", specify.)*
F = FEDERAL
S = STATE
P = PRIVATE
M = PUBLIC *(other than federal or state)*
O = OTHER *(specify)*
Answer: M (specify)

D. PHONE *(area code & no.)*: A 540 489 1600

E. STREET OR P.O. BOX: 40 EAST COURT STREET

F. CITY OR TOWN: ROCKY MOUNT

G. STATE: VA

H. ZIP CODE: 24151

IX. INDIAN LAND
Is the facility located on Indian lands? ☐ YES ☒ NO

X. EXISTING ENVIRONMENTAL PERMITS

A. NPDES *(Discharges to Surface Water)*	9 N	VAR050223	
D. PSD *(Air Emissions from Proposed Sources)*	9 P		
B. UIC *(Underground Injection of Fluids)*	9 U		
E. OTHER *(specify)*	9		(specify)
C. RCRA *(Hazardous Wastes)*	9 R		
E. OTHER *(specify)*	9	72	(specify) Virginia Solid Waste Permit

XI. MAP

Attach to this application a topographic map of the area extending to at least one mile beyond property bounderies. The map must show the outline of the facility, the location of each of its existing and proposed intake and discharge structures, each of its hazardous waste treatment, storage, or disposal facilities, and each well where it injects fluids underground. Include all springs, rivers and other surface water bodies in the map area. See instructions for precise requirements.

XII. NATURE OF BUSINESS *(provide a brief description)*

This permit request is for the discharge of treated groundwater from a proposed pump-and-treat system at the Franklin County Sanitary Landfill. The existing stormwater permit for the site will be incorporated into the new permit.

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XIII. CERTIFICATION *(see instructions)*

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this application and all attachments and that, based on my inquiry of those persons immediately responsible for obtaining the information contained in the application, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME & OFFICIAL TITLE *(type or print)*	B. SIGNATURE	C. DATE SIGNED
Richard E. Huff II County Admin.	Richard E Huff	9-17-06

COMMENTS FOR OFFICIAL USE ONLY

C

Form Approved. OMB No. 2040-0086. Approval expires 8-31-98.

Please print or type in the unshaded areas only	EPA I.D. NUMBER (*copy from Item 1 of Form 1*)	RECEIVED

Form **2D** NPDES

EPA

New Sources and New Dischargers
Application for Permit to Discharge Process Wastewater

OCT 1 7 2007

I. Outfall Location

For each outfall, list the latitude and longitude of its location to the nearest 15 seconds and the name of the receiving water.

Outfall Number (*list*)	Latitude			Longitude			Receiving Water (*name*)
	Deg.	Min.	Sec.	Deg.	Min.	Sec.	
001	36.00	55.00	55.00	79.00	51.00	31.00	North Fork of Little Chestnut Creek.
102	36.00	55.00	55.00	79.00	51.00	33.00	Unnamed Tributary to the North Fork of Little Chestnut Creek.

II. Discharge Date (When do you expect to begin discharging?)

12/31/2007

III. Flows, Sources of Pollution, and Treatment Technologies

A. For each outfall, provide a description of: (1) All operations contributing wastewater to the effluent, including process wastewater, sanitary wastewater, cooling water, and storm water runoff; (2) The average flow contributed by each operation; and (3) The treatment received by the wastewater. Continue on additional sheets if necessary.

Outfall Number	1. Operations Contributing Flow (*List*)	2. Average Flow (*Include Units*)	3. Treatment (*Description or List codes from Table 2D-1*)
001	102	NA	NA
102	Proposed Pump+Treat System	60 gpm/86,400 gpd	1-k. 4-A, 2-k

B. Attach a line drawing showing the water flow through the facility. Indicate sources of intake water, operations contributing wastewater to the effluent, and treatment units labeled to correspond to the more detailed descriptions in Item III-A. Construct a water balance on the line drawing by showing average flows between intakes, operations, treatment units, and outfalls. If a water balance cannot be determined (e.g., for certain mining activities), provide a pictorial description of the nature and amount of any sources of water and any collection or treatment measures.

C. Except for storm runoff, leaks, or spills, will any of the discharges described in Items III-A be intermittent or seasonal?

☐ YES (*complete the following table*) ☑ NO (*go to Section IV*)

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Outfall Number	1. Frequency		2. Flow		
	a. Days Per Week (*specify average*)	b. Months Per Year (*specify average*)	a. Maximum Daily Flow Rate (*in mgd*)	b. Maximum Total Volume (*specify units*)	c. Duration (*in days*)

IV. Production

If there is an applicable production-based effluent guideline or NSPS, for each outfall list the estimated level of production (projection of actual production level, not design), expressed in the terms and units used in the applicable effluent guideline or NSPS, for each of the first 3 years of operation. If production is likely to vary, you may also submit alternative estimates (attach a separate sheet).

Year	A. Quantity Per Day	B. Units Of Measure	C. Operation, Product, Material, etc. (*specify*)

 CONTINUE ON NEXT PAGE

CONTINUED FROM THE FRONT	EPA I.D. NUMBER (*copy from Item 1 of Form 1*)	Outfall Number

V. Effluent Characteristics

A and B: These items require you to report estimated amounts (*both concentration and mass*) of the pollutants to be discharged from each of your outfalls. Each part of this item addresses a different set of pollutants and should be completed in accordance with the specific instructions for that part. Data for each outfall should be on a separate page. Attach additional sheets of paper if necessary.

OCT 1 7 2007

General Instructions *(See table 2D-2 for Pollutants)*
Each part of this item requests you to provide an estimated daily maximum and average for certain pollutants and the source of information. Data for all pollutants in Group A, for all outfalls, must be submitted unless waived by the permitting authority. For all outfalls, data for pollutants in Group B should be reported only for pollutants which you believe will be present or are limited directly by an effluent limitations guideline or NSPS or indirectly through limitations on an indicator pollutant.

1. Pollutant	2. Maximum Daily Value *(include units)*	3. Average Daily Value *(include units)*	4. Source *(see instructions)*
See Table 1 in Application.			

CONTINUED FROM THE FRONT	EPA I.D. NUMBER (*copy from Item 1 of Form 1*)	

C. Use the space below to list any of the pollutants listed in Table 2D-3 of the instructions which you know or have reason to believe will be discharged from any outfall. For every pollutant you list, briefly describe the reasons you believe it will be present.

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1. Pollutant	2. Reason for Discharge
None.	

VI. Engineering Report on Wastewater Treatment

A. If there is any technical evaluation concerning your wastewater treatment, including engineering reports or pilot plant studies, check the appropriate box below.

☐ Report Available ☑ No Report

B. Provide the name and location of any existing plant(s) which, to the best of your knowledge resembles this production facility with respect to production processes, wastewater constituents, or wastewater treatments.

Name	Location

 CONTINUE ON NEXT PAGE

EPA I.D. NUMBER (*copy from Item 1 of Form 1*)

VII. Other Information *(Optional)*

Use the space below to expand upon any of the above questions or to bring to the attention of the reviewer any other information you feel should be considered in establishing permit limitations for the proposed facility. Attach additional sheets if necessary.

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Please see attachments.

VIII. CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

A. Name and Official Title (type or print)	B. Phone No.
Richard E. Huff III County Administrator	4833030
C. Signature	**D. Date Signed**
Richard E. Huff III	10/8/07

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Form 2D – Section VII

The proposed pump-and-treat system is designed to capture groundwater impacted with volatile organic compounds to be treated with an air stripper. Table 1 (attached to this form) shows the historic concentrations of solid waste constituents in groundwater compliance wells at the facility. Table 2 (also attached to this form) summarizes the results from sampling conducted on the monitoring and observation wells in the vicinity of extraction well (EW-1) before and after a pump test conducted in November 2005. It should be noted that only groundwater in the vicinity of monitoring wells MW-13, MW-14, MW-12, MW-17S, MW-17D, EW-1, OW-1S, OW-1D, and MW-2 will be captured by the proposed pump and treat system.

The captured water will then be treated with the air stripper to remove virtually all volatile organic compounds. The system will be designed to treat all intake water (impacted groundwater) with the air stripper so that no volatile organic compounds will be discharged from the system outfall. Failsafe mechanisms will insure that if the air stripper malfunctions, all extraction pumps will automatically shut down so that no untreated groundwater can ever be discharged.

EPA ID Number (*copy from Item 1 of Form 1*)

Please print or type in the unshaded areas only.

Form Approved. OMB No. 2040-0086
Approval expires 5-31-92

FORM 2F NPDES

U.S. Environmental Protection Agency
Washington, DC 20460

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Application for Permit to Discharge Storm Water Discharges Associated with Industrial Activity

Paperwork Reduction Act Notice

Public reporting burden for this application is estimated to average 28.6 hours per application, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, or suggestions for improving this form, including suggestions which may increase or reduce this burden to: Chief, Information Policy Branch, PM-223, U.S. Environmental Protection Agency, 1200 Pennsylvania Avenue, NW, Washington, DC 20460, or Director, Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, DC 20503.

I. Outfall Location

For each outfall, list the latitude and longitude of its location to the nearest 15 seconds and the name of the receiving water.

A. Outfall Number (*list*)	B. Latitude			C. Longitude			D. Receiving Water (*name*)
001	36.00	55.00	55.00	79.00	51.00	31.00	North Fork of Little Chestnut Creek.
101	36.00	55.00	55.00	79.00	51.00	33.00	Unnamed Tributary to the North Fork of Little Chestnut Creek

II. Improvements

A. Are you now required by any Federal, State, or local authority to meet any implementation schedule for the construction, upgrading or operation of wastewater treatment equipment or practices or any other environmental programs which may affect the discharges described in this application? This includes, but is not limited to, permit conditions, administrative or enforcement orders, enforcement compliance schedule letters, stipulations, court orders, and grant or loan conditions.

1. Identification of Conditions, Agreements, Etc.	2. Affected Outfalls		3. Brief Description of Project	4. Final Compliance Date	
	number	source of discharge		a. req.	b. proj.
Corrective Action Plan	102	Pump and Treat System	Discharge of treated groundwater		

B: You may attach additional sheets describing any additional water pollution (or other environmental projects which may affect your discharges) you now have under way or which you plan. Indicate whether each program is now under way or planned, and indicate your actual or planned schedules for construction.

III. Site Drainage Map

Attach a site map showing topography (or indicating the outline of drainage areas served by the outfalls(s) covered in the application if a topographic map is unavailable) depicting the facility including: each of its intake and discharge structures; the drainage area of each storm water outfall; paved areas and buildings within the drainage area of each storm water outfall, each known past or present areas used for outdoor storage of disposal of significant materials, each existing structural control measure to reduce pollutants in storm water runoff, materials loading and access areas, areas where pesticides, herbicides, soil conditioners and fertilizers are applied; each of its hazardous waste treatment, storage or disposal units (including each area not required to have a RCRA permit which is used for accumulating hazardous waste under 40 CFR 262.34); each well where fluids from the facility are injected underground; springs, and other surface water bodies which received storm water discharges from the facility.

 Continue on Page 2

Continued from the Front

IV. Narrative Description of Pollutant Sources

A. For each outfall, provide an estimate of the area (include units) of impervious surfaces (including paved areas and building roofs) drained to the outfall, and an estimate of the total surface area drained by the outfall.

Outfall Number	Area of Impervious Surface (provide units)	Total Area Drained (provide units)	Outfall Number	Area of Impervious Surface (provide units)	Total Area Drained (provide units)
101	0 acres	73 acres	NA	NA	NA

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B. Provide a narrative description of significant materials that are currently or in the past three years have been treated, stored or disposed in a manner to allow exposure to storm water; method of treatment, storage, or disposal; past and present materials management practices employed to minimize contact by these materials with storm water runoff; materials loading and access areas, and the location, manner, and frequency in which pesticides, herbicides, soil conditioners, and fertilizers are applied.

No significant materials are exposed to stormwater.

C. For each outfall, provide the location and a description of existing structural and nonstructural control measures to reduce pollutants in storm water runoff; and a description of the treatment the storm water receives, including the schedule and type of maintenance for control and treatment measures and the ultimate disposal of any solid or fluid wastes other than by discharge.

Outfall Number	Treatment	List Codes from Table 2F-1
001	No sampling at this outfall. No control measures needed.	
101	Sediment basin to allow sediment to settle out of discharge. No treatment or maintenance is required.	

V. Nonstormwater Discharges

A. I certify under penalty of law hat the outfall(s) covered by this application have been tested or evaluated for the presence of nonstormwater discharges, and that all nonstormwater discharged from these outfall(s) are identified in either an accompanying Form 2C or From 2E application for the outfall.

Name and Official Title (type or print)	Signature	Date Signed
County Administrator Richard E. Huff II	Richard E Huff	10/8/07

B. Provide a description of the method used, the date of any testing, and the onsite drainage points that were directly observed during a test.

N/A - Discharges are stormwater and treated groundwater.

VI. Significant Leaks or Spills

Provide existing information regarding the history of significant leaks or spills of toxic or hazardous pollutants at the facility in the last three years, including the approximate date and location of the spill or leak, and the type and amount of material released.

No significant leaks or spills have occurred in the past 3 years.

 Continue on Page 3

EPA ID Number *(copy from Item 1 of Form 1)*

Continued from Page 2

VII. Discharge Information

A, B, C, & D: See instructions before proceeding. Complete one set of tables for each outfall. Annotate the outfall number in the space provided. Table VII-A, VII-B, VII-C are included on separate sheets numbers VII-1 and VII-2.

E. Potential discharges not covered by analysis – is any toxic pollutant listed in table 2F-2, 2F-3, or 2F-4, a substance or a component of a substance which you currently use or manufacture as an intermediate or final product or byproduct?

☐ Yes *(list all such pollutants below)* ☑ No *(go to Section IX)*

VIII. Biological Toxicity Testing Data

Do you have any knowledge or reason to believe that any biological test for acute or chronic toxicity has been made on any of your discharges or on a receiving water in relation to your discharge within the last 3 years?

☐ Yes *(list all such pollutants below)* ☑ No *(go to Section IX)*

IX. Contract Analysis Information

Were any of the analyses reported in Item VII performed by a contract laboratory or consulting firm?

☐ Yes *(list the name, address, and telephone number of, and pollutants analyzed by, each such laboratory or firm below)* ☑ No *(go to Section X)*

A. Name	B. Address	C. Area Code & Phone No.	D. Pollutants Analyzed

X. Certification

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

A. Name & Official Title *(Type Or Print)*	B. Area Code and Phone No.
Richard E. Huff II County Administrator	540.483.3030
C. Signature	D. Date Signed
Richard E. Huff	10/8/07

EPA ID Number (*copy from Item 1 of Form 1*)

Form Approved. OMB No. 2040-0086
Approval expires 5-31-92

VII. Discharge Information *(Continued from page 3 of Form 2F)*

Part A – You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details.

Pollutant and CAS Number *(if available)*	Maximum Values *(include units)*		Average Values *(include units)*		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 20 Minutes	Flow-Weighted Composite	Grab Sample Taken During First 20 Minutes	Flow-Weighted Composite		
Oil and Grease		N/A				
Biological Oxygen Demand (BOD5)	3.42 mg/l		1.71		2.00	Stormwater
Chemical Oxygen Demand (COD)		N/A				
Total Suspended Solids (TSS)	5.2 mg/l		4.9 mg/l		2.00	Stormwater
Total Nitrogen		N/A				
Total Phosphorus		N/A				
pH	Minimum	Maximum 7.90	Minimum 7.39	Maximum	2.00	Stormwater

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Part B – List each pollutant that is limited in an effluent guideline which the facility is subject to or any pollutant listed in the facility's NPDES permit for its process wastewater (if the facility is operating under an existing NPDES permit). Complete one table for each outfall. See the instructions for additional details and requirements.

Pollutant and CAS Number *(if available)*	Maximum Values *(include units)*		Average Values *(include units)*		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 20 Minutes	Flow-Weighted Composite	Grab Sample Taken During First 20 Minutes	Flow-Weighted Composite		
Ammonia	1.8 mg/l		1.29 mg/l		2.00	Stormwater
Benzoic Acid	< 0.01 mg/l		< 0.01 mg/l		2.00	Stormwater
P Cresol	< 0.01 mg/l		< 0.01 mg/l		2.00	Stormwater
Phenol	< 0.01 mg/l		< 0.01 mg/l		2.00	Stormwater
Zinc	0.02 mg/l		0.01 mg/l		2.00	Stormwater
alpha terpineol	< 0.01 mg/l		< 0.01 mg/l		2.00	Stormwater

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 Continue on Reverse

Continued from the Front

Part C - List each pollutant shown in Table 2F-2, 2F-3, and 2F-4 that you know or have reason to believe is present. See the instructions for additional details and requirements. Complete one table for each outfall.

Pollutant and CAS Number *(if available)*	Maximum Values *(include units)*		Average Values *(include units)*		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 20 Minutes	Flow-Weighted Composite	Grab Sample Taken During First 20 Minutes	Flow-Weighted Composite		

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Part D – Provide data for the storm event(s) which resulted in the maximum values for the flow weighted composite sample.

1. Date of Storm Event	2. Duration of Storm Event *(in minutes)*	3. Total rainfall during storm event *(in inches)*	4. Number of hours between beginning of storm measured and end of previous measurable rain event	5. Maximum flow rate during rain event *(gallons/minute or specify units)*	6. Total flow from rain event *(gallons or specify units)*

7. Provide a description of the method of flow measurement or estimate.

VPDES PERMIT APPLICATION ADDENDUM - SUPPLEMENTARY INFORMATION

A. General Information

1. Entity to whom the permit is to be issued: Franklin county Sanitary Landfill
Who will be legally responsible for the wastewater treatment facilities and compliance with the permit? This may or may not be the facility or property owner.

2. Classify the discharge as one of the following by checking the appropriate line:

____ a. Existing discharge

____ b. Proposed discharge

X c. Proposed expansion of an existing discharge

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B. Location

1. Is this facility located within city or town boundaries? Y (N)

2. (New Issuances & Modifications Only) What is the tax map parcel number for the land where this facility is located? 82.0-052

3. For the facility to be covered by this permit, how many acres will be disturbed during the next five years due to new construction activities? none anticipated

4. What is the total acreage of the property on which the treatment plant is located? 334 acres

5. Give the minimum elevation of the treatment plant site. 1118 feet

6. Flood elevations of the treatment plant site:
25 year flood _____ feet
100 year flood _____ feet
Plant is located above the 100-year flood plain

7. Attach to the back of this application a location map(s) which may be traced from or is/are a production of a U.S. Geological Survey topographic quadrangle(s) or other appropriately scaled contour map(s). The location map(s) shall show the following:

a. Treatment Plant
b. Discharge point
c. Receiving waters
d. Boundaries of the property on which the treatment plant is located, or to be located.
e. Distance from the treatment plant to the nearest: (Indicate "not applicable" for any distance greater than 2000 feet)
   i. Residence
   ii. Distribution line for potable water supply
   iii. Reservoir, well, or other source of water supply
   iv. Recreational area
f. Distance from the discharge point to the nearest:
(Indicate "not applicable" for any distance greater than 15 miles)
   i. Downstream community
   ii. Upstream and downstream water intake points
   iii. Shellfishing waters
   iv. Wetlands area
   v. Downstream impoundment
   vi. Downstream recreational area

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C. Discharge Description

1. Provide a brief description of the wastewater treatment scheme. Also, attach to the back of this application, a process flow diagram showing each process unit of the treatment plant, including all bypass piping and all backup power sources or redundancy in the system.

A series of extraction wells will pump contaminated groundwater to an enclosed building for on-site remediation. The groundwater will initially be stored in an equalization and pH adjustment tank, then will be transferred to an air stripper. The air stripper will remove the contaminants (volatile organic compounds) and the groundwater will be discharged to an unnamed perennial stream.

2. What is the design average flow of this facility? 0.086 MGD
Industrial facilities: What is the max. 30-day avg. production level (include units)? 2,592,000 gpd

3. In addition to the above design flow or production level, should the permit be written with limits for any other discharge flow tiers or production levels? Y (N)

If "Yes", please specify the other flow tiers (in MGD) or production levels: _____
Please consider: Is your facility's design flow considerably greater than your current flow? Do you plan to expand operations during the next five years?

4. Nature of operations generating wastewater:
Pump and treat system for groundwater remediation

0 % of flow from domestic connections/sources
Number of private residences to be served by the wastewater treatment facilities:
X 0 __ 1-49 __ 50 or more

100 % of flow from non-domestic connections/sources

5. Mode of discharge: X Continuous __ Intermittent __ Seasonal
Describe frequency and duration of intermittent or seasonal discharges:
_____

6. Identify the characteristics of the receiving stream at the point just above the facility's discharge point:
X Permanent stream, never dry
__ Intermittent stream, usually flowing, sometimes dry
__ Ephemeral stream, wet-weather flow, often dry
__ Effluent-dependent stream, usually or always dry
__ Lake or pond at or below the discharge point
__ Other: _____

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E. Anticipated Phasing Schedule for Plant Capacity - Proposed / Expanding Discharges

If this application is for a proposed or expanded discharge(s), complete the phasing schedule below beginning with the year in which construction completion is anticipated and progressing in increments of 5 years for 30 years thereafter.

Proposed Design Capacity: 0.086 MGD

Anticipated Date of Construction Completion: April, 2007
Month Year

Years after Completion	Projected Flow (MGD)
0	0.086
5	0.086
10	0.086
15	0.086
20	0.086
25	0.086
30	0.086

F. Interim Facilities

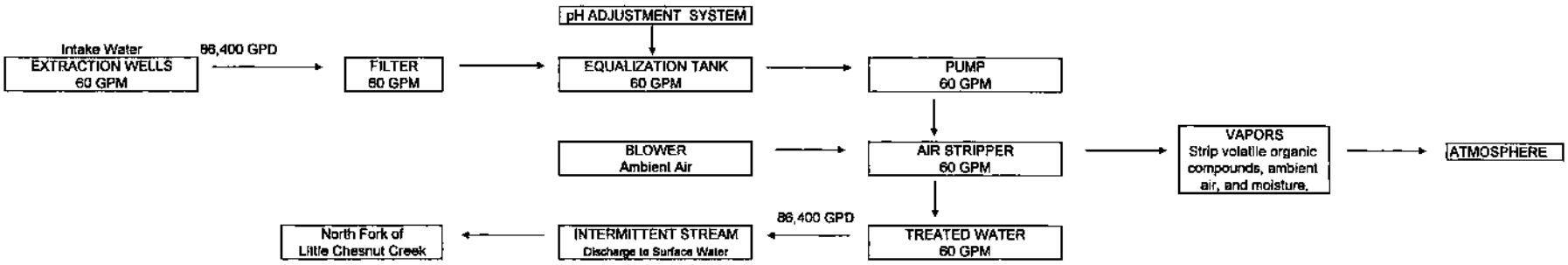
Are the wastewater treatment facilities interim? (designed for a useful life of less than 5 years)

_____ Yes X No

If so, provide the estimated date to be discontinued (month, year) _____, and the name and location of the intended replacement facility.

_____
Name / Location

FRANKLIN COUNTY SANITARY LANDFILL, PERMIT NO. 72
PUMP-AND-TREAT SYSTEM SCHEMATIC



GPM = GALLONS PER MINUTE
GPD = GALLONS PER DAY

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JUN 1 6 2007

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LOCAL GOVERNMENT ORDINANCE FORM

For new VPDES permit applications

In reference to the request from:

Franklin County

Applicant's Name

For certification of a discharge at:

Franklin County Sanitary Landfill
Franklin County, Virginia

Name and Location of Facility

I hereby certify,

✓ (1) That the proposed location, and operation of the facility is consistent with all ordinances adopted pursuant to Chapter 22 (∋15.2-2200 et seq.) of Title 15.2 of the Code of Virginia

OR

___ (2) That no local ordinances are in effect pursuant to Chapter 22 (∋15.2-2200 et seq.) of Title 15.2 of the Code of Virginia

OR

___ (3) That the proposed location and operation of the facility is **not** consistent with all ordinances adopted pursuant to Chapter 22 (∋15.2-2200 et seq.) of Title 15.2 of the Code of Virginia

Richard E. Huss II	County Administrator
Signature	Title
Richard E. Huss II	5/7/07
Printed Name	Date

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JUL 1 6 2007

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PUBLIC NOTICE BILLING INFORMATION FORM

I hereby authorize the Department of Environmental Quality to have the cost of publishing a public notice billed to the Agent/Department shown below. The public notice will be published once a week for two consecutive weeks in accordance with 9 VAC 25-31-290.C.2:

Agent/Department to be billed: County of Franklin

Owner: Franklin County

Applicant's Address: 40 East Court St.
Rocky Mount, VA
24151

Agent's Telephone No: (540) 483-3030

Authorizing Agent: Richard E Huff
Signature

Richard E. Huff II
Printed Name

County Administrator
Title

Facility Name: Franklin County Sanitary Landfill
Permit No. VA0092142

Please return to:

Becky L. France
Department of Environmental Quality
3019 Peters Creek Road
Roanoke, VA 24019
Fax No. (540) 562-6860

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DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT APPLICATION FEE FORM
EFFECTIVE JULY 1, 2004

INSTRUCTIONS

Applicants for individual Virginia Pollutant Discharge Elimination System (VPDES), Virginia Pollution Abatement (VPA), Virginia Water Protection (VWP), Surface Water Withdrawal (SWW), and Ground Water Withdrawal (GWW) Permits are required to pay permit application fees, except farming operations engaged in production for market. Fees are also required for registration for coverage under General Permits except for the general permits for sewage treatment systems with discharges of 1,000 gallons per day (GPD) or less and for Corrective Action Plans for leaking underground storage tanks. Except for VWP permits, fees must be paid when applications for permit issuance, reissuance* or modification are submitted. Applicants for VWP permits will be notified by the DEQ of the fee due. Applications will be considered incomplete if the proper fee is not paid and will not be processed until the fee is received. (* - the reissuance fee does not apply to VPDES and VPA permits - see the fee schedule included with this form for details.)

The permit fee schedule is included with this form. Fees for permit issuance or reissuance and for permit modification are included. Once you have determined the fee for the type of application you are submitting, complete this form. The original copy of the form and your check or money order payable to "Treasurer of Virginia" should be mailed to:

Department of Environmental Quality
Receipts Control
P.O. Box 10150
Richmond, VA 23240

A copy of the form and a copy of your check or money order should accompany the permit application. You should retain a copy for your records. Please direct any questions regarding this form or fee payment to the DEQ Office to which you are submitting your application.

APPLICANT NAME: Franklin County **SSN/FIN:** _____

ADDRESS: 40 East Court Street **DAYTIME PHONE:** (540) 483-3030
Area Code
Rocky Mount, VA 24151

FACILITY/ACTIVITY NAME: Franklin County Sanitary Landfill

LOCATION: 9340 Virgil H. Goode Highway, Rocky mount, VA 24151

TYPE OF PERMIT APPLIED FOR (from Fee Schedule): VPDES Industrial Minor - No Standard Limits

TYPE OF ACTION: ✓ New Issuance _____ Reissuance _____ Modification

AMOUNT OF FEE SUBMITTED (from Fee Schedule): $10,200

EXISTING PERMIT NUMBER (if applicable): VAR050223

DEQ OFFICE TO WHICH APPLICATION SUBMITTED (check one)

☐ Abingdon/SWRO	☐ Harrisonburg/VRO	☐ Woodbridge/NVRO	☐ Lynchburg/SCRO
☐ Richmond/PRO	☐ Richmond/Headquarters	☑ Roanoke/WCRO	☐ Virginia Beach/TRO

FOR DEQ USE ONLY
Date: _____
DC #: _____

Original Form and Check - DEQ Receipts Control, Richmond
Copy of Form and Copy of Check - DEQ Regional Office or Permit Program Office

Franklin County
A Natural Setting for Opportunity

FRANKLIN COUNTY BOARD OF SUPERVISORS
40 EAST COURT STREET
ROCKY MOUNT, VA 24151

CHECK NUMBER: 51397

DATE: Sep 29, 2006

INVOICE	VENDOR	INVOICE DATE	DESCRIPTION	GROSS AMOUNT	DEDUCTIONS	NET AMOUNT
VARO50223 091206	04759	Sep 12, 2006	DEQ PERMIT FEE	$10,200.00	$.00	$10,200.00
*HC: TREASURER OF VIRGINIA			TOTALS:	$10,200.00	$.00	10,200.00

THIS DOCUMENT CONTAINS A VOID PANTOGRAPH, ARTIFICIAL WATERMARK, AND MICROPRINTING

Franklin County
A Natural Setting for Opportunity

BY THE ORDER OF
FRANKLIN COUNTY BOARD OF SUPERVISORS
40 EAST COURT STREET
ROCKY MOUNT, VA 24151

FIRST NATIONAL BANK
of Rocky Mount
Rocky Mount, Virginia

88-384
514

NO: 51397

DATE
SEP 29, 2006

VOID 120 DAYS AFTER DATE

PAY TEN THOUSAND, TWO-HUNDRED DOLLARS AND ZERO CENTS

$10,200.00

TO THE ORDER OF
TREASURER OF VIRGINIA
RECEIPTS CONTROL
P. O. BOX 10150
RICHMOND, VA 232400150

Richard E. Huff
COUNTY ADMINISTRATOR

Linda F. Messenger
TREASURER

VOID VOID VOID

⑈40051397⑈ ⑆051403643⑆010000⑈0132⑈01

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ENGINEERING, INC.

Waste Industry Experts

Henderson Building
Suite 203
2301 W Meadowview Rd
Greensboro, NC 27407

tel: 336/323-0092
fax: 336/323-0093

www.JoyceEngineering.com

September 25, 2006

Ms. Becky L. France
VDEQ-WCRO
3019 Peters Creek Road
Roanoke, VA 24019

DEQ-WCRO
OCT 12 2006
RECEIVED

RE: VPDES Permit Application for Franklin Co. Landfill

Dear Ms. France:

Enclosed please find a VPDES Permit Application Package for the Franklin County Landfill. The package includes:

- EPA Form 1, with attachments;
- EPA Form 2D, with attachments;
- EPA Form 2F, with attachments;
- Supplemental Information Form, with attachments;
- Local Government Ordinance Form; and
- Permit Application Fee Form, with copy of check.

As you requested, we have also included a copy of the existing Storm Water Pollution Prevention Plan (SWPPP) for the site and copies of storm water sampling reports for the last 2 years. If you have any questions or comments, please call me at (336) 323-0092. We appreciate all the assistance you have given us in preparing this application.

Sincerely,
JOYCE ENGINEERING, INC.

Van Burbach

Van Burbach, Ph.D., P.G.
Senior Project Hydrogeologist

Enclosures, as described

C: Richard E Huff, II, Franklin County
Dr. Tim Kelly, JEI
JEI File

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Franklin County Landfill
Storm Water Sampling Reports

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF ENVIRONMENTAL QUALITY
VIRGINIA POLLUTANT DISCHARGE ELIMINATION SYSTEM (VPDES)
DISCHARGE MONITORING REPORT (DMR)

DEPT. OF ENVIRONMENTAL QUALITY
West Central Regional Office
3019 Peters Creek Road
Roanoke VA, 24019

TYPE: **STORM WATER**

SECTOR L - LANDFILLS (INDUSTRIAL ACTIVITY CODE "LF") - PAGE 1 of 2

NOTE: READ PERMIT AND GENERAL INSTRUCTIONS BEFORE COMPLETING THIS FORM.

VAR050223	001
PERMIT NUMBER	OUTFALL NO.

PERMITTEE NAME RICHARD E. HUFF, II

FACILITY NAME FRANKLIN CO. LANDFILL

ADDRESS: 9340 VIRGIL H. GOODE HWY.
ROCKY MOUNT, VA 24151

Check One	MONITORING PERIOD YEAR	MO	DAY	TO	YEAR	MO	DAY
	2004	July	1		2005	June	30
	2005	July	1		2006	June	30
✓	2006	July	1		2007	June	30
	2007	July	1		2008	June	30
	2008	July	1		2009	June	30

CONTACT PERSON STEVE WOODYARD TELEPHONE 540-483-5975

PARAMETER		QUALITY OR CONCENTRATION MINIMUM	AVERAGE	MAXIMUM	UNITS	NO. EX.	SAMPLE TYPE
003 BOD5	REPORTED	******	ND	ND	mg/L		
	REQUIREMENT	******	37	140	mg/l		GRAB
004 TOTAL SUS. SOLIDS	REPORTED	******		4.6	mg/L		
	REQUIREMENT	******	27	88	mg/l		GRAB
039 AMMONIA (AS N)	REPORTED	******		1.8	mg/L		
	REQUIREMENT	******	4.9	10	mg/l		GRAB
052 ALPHA TERPINEOL	REPORTED	******	ND	ND	mg/L		
	REQUIREMENT	******	0.016	0.033	mg/l		GRAB
081 BENZOIC ACID	REPORTED	******	ND	ND	mg/L		
	REQUIREMENT	******	0.071	0.12	mg/l		GRAB
511 p-CRESOL	REPORTED	******	ND	ND	mg/L		
	REQUIREMENT	******	0.014	0.025	mg/l		GRAB
175 PHENOL	REPORTED	******	ND	ND	mg/L		
	REQUIREMENT	******	0.015	0.026	mg/l		GRAB

STORM EVENT INFORMATION			
DATE	YR.	MO	DAY
	07	04	11
DURATION	HRS	MIN	
	3	30	
PRECIP. AMOUNT (IN.)	0.28		
RUNOFF VOL. (GAL.)	~20,440		
PRECEDING EVENT	DAYS	HRS	
	9	9	

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief, true accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 U. S. C. § 1001 and 33 U. S. C. § 1319. (Penalties under these statutes may include fines up to $10,000 and or maximum imprisonment of between 6 months and five years.)

PRINCIPLE EXECUTIVE OFFICER OR AUTHORIZED AGENT		DATE		
BARRY SINK	Barry Sink	07	6	12
TYPED OR PRINTED NAME	SIGNATURE	YR.	MO.	DAY

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF ENVIRONMENTAL QUALITY
VIRGINIA POLLUTANT DISCHARGE ELIMINATION SYSTEM (VPDES)
DISCHARGE MONITORING REPORT (DMR)

DEPT. OF ENVIRONMENTAL QUALITY
West Central Regional Office
3019 Peters Creek Road
Roanoke VA, 24019

TYPE: **STORM WATER**

NOTE: READ PERMIT AND GENERAL INSTRUCTIONS BEFORE COMPLETING THIS FORM.

SECTOR L - LANDFILLS (INDUSTRIAL ACTIVITY CODE "LF") - PAGE 2 of 2

VAR050223	001
PERMIT NUMBER	OUTFALL NO.

PERMITTEE NAME RICHARD E. HUFF, II

FACILITY NAME FRANKLIN CO. LANDFILL

ADDRESS: 9340 VIRGIL H. GOODE HWY.
ROCKY MOUNT, VA 24151

CONTACT PERSON STEVE WOODYARD TELEPHONE 540-483-5975

Check One	MONITORING PERIOD YEAR	MO	DAY	TO	YEAR	MO	DAY
	2004	July	1		2005	June	30
	2005	July	1		2006	June	30
✓	2006	July	1		2007	June	30
	2007	July	1		2008	June	30
	2008	July	1		2009	June	30

PARAMETER		QUALITY OR CONCENTRATION MINIMUM	AVERAGE	MAXIMUM	UNITS	NO. EX.	SAMPLE TYPE
020 ZINC, TOTAL (AS ZN)	REPORTED	******		0.020	mg/L		
	REQUIREMENT	******	0.11	0.20	mg/l		GRAB
002 pH	REPORTED		******	7.39	SU		
	REQUIREMENT	6.0	******	9.0	SU		GRAB
	REPORTED						
	REQUIREMENT						
	REPORTED						
	REQUIREMENT						
	REPORTED						
	REQUIREMENT						
	REPORTED						
	REQUIREMENT						
	REPORTED						
	REQUIREMENT						

STORM EVENT INFORMATION			
DATE	YR.	MO	DAY
	07	04	11
DURATION	HRS	MIN	
	3	30	
PRECIP. AMOUNT (IN.)	0.28		
RUNOFF VOL. (GAL.)	~20,440		
PRECEDING EVENT	DAYS	HRS	
	9	9	

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief, true accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 U. S. C. § 1001 and 33 U. S. C. § 1319. (Penalties under these statutes may include fines up to $10,000 and or maximum imprisonment of between 6 months and five years.)

PRINCIPLE EXECUTIVE OFFICER OR AUTHORIZED AGENT		DATE		
BARRY SINK	Barry Sink	07	6	12
TYPED OR PRINTED NAME	SIGNATURE	YR.	MO.	DAY

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
9800 Kincey Avenue, Suite 100
Huntersville, NC 28078
Phone: 704.875.9092
Fax: 704.875.9091

Pace Analytical Services, Inc.
2225 Riverside Drive
Asheville, NC 28804
Phone: 828.254.7176
Fax: 828.252.4618

May 30, 2007

Mr. Steve Woodyard
EARTH ENVIRONMENTAL CONSULTANT
375 Franklin Street
Rocky Mount, VA 24151

RE: Lab Project Number: 92142181
Client Project ID: FC LANDFILL FCLF1053

Dear Mr. Woodyard:

Enclosed are the analytical results for sample(s) received by the laboratory on April 12, 2007. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

Inorganic Wet Chemistry and Metals Analyses were performed at our Pace Asheville laboratory and Organic testing was performed at our Pace Charlotte laboratory unless otherwise footnoted.

If you have any questions concerning this report please feel free to contact me.

Sincerely,

Andy Stevens
andy.stevens@pacelabs.com
Project Manager

Enclosures

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc.

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
9800 Kincey Avenue, Suite 100
Huntersville, NC 28078
Phone: 704.875.9092
Fax: 704.875.9091

Pace Analytical Services, Inc.
2225 Riverside Drive
Asheville, NC 28804
Phone: 828.254.7176
Fax: 828.252.4618

Lab Project Number: 92142181
Client Project ID: FC LANDFILL FCLF1053

Lab Sample No: 928247105 | Project Sample Number: 92142181-001 | Date Collected: 04/11/07 10:00
Client Sample ID: SW-1 | Matrix: Water | Date Received: 04/12/07 09:05

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
Metals								
Trace ICP Metals	Prep/Method: EPA 200.7 / EPA 200.7							
Zinc	20.	ug/l	10.	04/21/07 00:11	EWS	7440-66-6		
Date Digested	04/19/07 12:15			04/19/07 12:15				
Wet Chemistry								
pH	Method: EPA 150.1							
pH	7.39	units		04/18/07 15:00	SER			
Total Suspended Solids	Method: EPA 160.2							
Total Suspended Solids	4.6	mg/l	1.0	04/15/07 20:11	SER			
Ammonia	Method: EPA 350.1							
Nitrogen, Ammonia	1.8	mg/l	0.10	04/19/07 19:39	SAJ	7727-37-9		
Biochemical Oxygen Demand, 5 d	Method: EPA 405.1							
BOD, 5 day	ND	mg/l	2.0	04/13/07 07:00	JMW			

Asheville Certification IDs
NC Wastewater 40
NC Drinking Water 37712
SC 99030
FL NELAP E87648

REPORT OF LABORATORY ANALYSIS
This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Charlotte Certification IDs
NC Wastewater 12
NC Drinking Water 37706
SC 99006
FL NELAP E87627

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
9800 Kincey Avenue, Suite 100
Huntersville, NC 28078
Phone: 704.875.9092
Fax: 704.875.9091

Pace Analytical Services, Inc.
2225 Riverside Drive
Asheville, NC 28804
Phone: 828.254.7176
Fax: 828.252.4618

Lab Project Number: 92142181
Client Project ID: FC LANDFILL FCLF1053

PARAMETER FOOTNOTES

Method 9071B modified to use ASE.

All pH, Free Chlorine, Total Chlorine and Ferrous Iron analyses conducted outside of EPA recommended immediate hold time.

Depending on the moisture content the PRLs can be elevated for all soil samples reported on a dry weight basis.

2-Chloroethyl vinyl ether has been shown to degrade in the presence of acid.

ND	Not detected at or above adjusted reporting limit
NC	Not Calculable
J	Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit
MDL	Adjusted Method Detection Limit

Asheville Certification IDs
NC Wastewater 40
NC Drinking Water 37712
SC 99030
FL NELAP E87648

REPORT OF LABORATORY ANALYSIS
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Charlotte Certification IDs
NC Wastewater 12
NC Drinking Water 37706
SC 99006
FL NELAP E87627

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www.pacelabs.com

Pace Analytical Services, Inc.
9800 Kincey Avenue, Suite 100
Huntersville, NC 28078
Phone: 704.875.9092
Fax: 704.875.9091

Pace Analytical Services, Inc.
2225 Riverside Drive
Asheville, NC 28804
Phone: 828.254.7176
Fax: 828.252.4618

QUALITY CONTROL DATA

Lab Project Number: 92142181
Client Project ID: FC LANDFILL FCLF1053

QC Batch: 186355 — Analysis Method: EPA 200.7
QC Batch Method: EPA 200.7 — Analysis Description: Trace ICP Metals
Associated Lab Samples: 928247105

METHOD BLANK: 928272483
Associated Lab Samples: 928247105

Parameter	Units	Blank Result	Reporting Limit	Footnotes
Zinc	ug/l	ND	10.	

LABORATORY CONTROL SAMPLE: 928272491

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	Footnotes
Zinc	ug/l	500.00	535.0	107	

MATRIX SPIKE: 928272509

Parameter	Units	928242742 Result	Spike Conc.	MS Result	MS % Rec	Footnotes
Zinc	ug/l	720.0	500.00	1215	99	

SAMPLE DUPLICATE: 928272517

Parameter	Units	928243419 Result	DUP Result	RPD	Footnotes
Zinc	ug/l	ND	13.00	0	

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Asheville, NC 28804
Phone: 828.254.7176
Fax: 828.252.4618

QUALITY CONTROL DATA

Lab Project Number: 92142181
Client Project ID: FC LANDFILL FCLF1053

QC Batch: 185788 — Analysis Method: EPA 405.1
QC Batch Method: SM 5210B — Analysis Description: Biochemical Oxygen Demand, 5 d
Associated Lab Samples: 928247105

METHOD BLANK: 928250968
Associated Lab Samples: 928247105

Parameter	Units	Blank Result	Reporting Limit	Footnotes
BOD, 5 day	mg/l	ND	2.0	

LABORATORY CONTROL SAMPLE: 928250976

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	Footnotes
BOD, 5 day	mg/l	198.00	168.5	85	

SAMPLE DUPLICATE: 928250984

Parameter	Units	928242916 Result	DUP Result	RPD	Footnotes
BOD, 5 day	mg/l	5.000	5.000	0	

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2225 Riverside Drive
Asheville, NC 28804
Phone: 828.254.7176
Fax: 828.252.4618

QUALITY CONTROL DATA

Lab Project Number: 92142181
Client Project ID: FC LANDFILL FCLF1053

QC Batch: 185924 — Analysis Method: EPA 160.2
QC Batch Method: SM 2540D — Analysis Description: Total Suspended Solids
Associated Lab Samples: 928247105

METHOD BLANK: 928258193
Associated Lab Samples: 928247105

Parameter	Units	Blank Result	Reporting Limit	Footnotes
Total Suspended Solids	mg/l	ND	1.0	

LABORATORY CONTROL SAMPLE: 928258201

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	Footnotes
Total Suspended Solids	mg/l	250.00	244.0	98	

SAMPLE DUPLICATE: 928258219

Parameter	Units	928242742 Result	DUP Result	RPD	Footnotes
Total Suspended Solids	mg/l	25.00	26.00	3	

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Fax: 828.252.4618

QUALITY CONTROL DATA

Lab Project Number: 92142181
Client Project ID: FC LANDFILL FCLF1053

QC Batch: 186240 Analysis Method: EPA 150.1
QC Batch Method: SM 4500-H B Analysis Description: pH
Associated Lab Samples: 928247105

SAMPLE DUPLICATE: 928265594

Parameter	Units	928247105 Result	DUP Result	RPD	Footnotes
pH	units	7.390	7.460	1	

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Asheville, NC 28804
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Fax: 828.252.4618

QUALITY CONTROL DATA

Lab Project Number: 92142181
Client Project ID: FC LANDFILL FCLF1053

QC Batch: 186333 — Analysis Method: EPA 350.1
QC Batch Method: EPA 350.1 — Analysis Description: Ammonia
Associated Lab Samples: 928247105

METHOD BLANK: 928271733
Associated Lab Samples: 928247105

Parameter	Units	Blank Result	Reporting Limit	Footnotes
Nitrogen, Ammonia	mg/l	ND	0.10	

LABORATORY CONTROL SAMPLE: 928271741

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	Footnotes
Nitrogen, Ammonia	mg/l	5.000	5.180	104	

MATRIX SPIKE: 928271758

Parameter	Units	928270768 Result	Spike Conc.	MS Result	MS % Rec	Footnotes
Nitrogen, Ammonia	mg/l	0.1750	5.000	5.318	103	

SAMPLE DUPLICATE: 928271766

Parameter	Units	928247105 Result	DUP Result	RPD	Footnotes
Nitrogen, Ammonia	mg/l	1.800	1.800	2	

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Pace Analytical Services, Inc.
2225 Riverside Drive
Asheville, NC 28804
Phone: 828.254.7176
Fax: 828.252.4618

Lab Project Number: 92142181
Client Project ID: FC LANDFILL FCLF1053

QUALITY CONTROL DATA PARAMETER FOOTNOTES

Consistent with EPA guidelines, unrounded concentrations are displayed and have been used to calculate % Rec and RPD values.

LCS(D)	Laboratory Control Sample (Duplicate)
MS(D)	Matrix Spike (Duplicate)
DUP	Sample Duplicate
ND	Not detected at or above adjusted reporting limit
NC	Not Calculable
J	Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit
MDL	Adjusted Method Detection Limit
RPD	Relative Percent Difference

Asheville Certification IDs
NC Wastewater 40
NC Drinking Water 37712
SC 99030
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REPORT OF LABORATORY ANALYSIS
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NC Wastewater 12
NC Drinking Water 37706
SC 99006
FL NELAP E87627

Pace Analytical®
New Orleans Laboratory

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
Saint Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

April 24, 2007

Client Services
Pace Charlotte
9800 Kincey Avenue
Suite 100
Huntersville, NC 28078

RE: Project: 2068503
RE: Project ID: 92142181

Dear Client Services:

Enclosed are the analytical results for sample(s) received by the laboratory on April 12, 2007. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Karen Brown

Karen Brown

ACCREDITED IN ACCORDANCE WITH nelac

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose , LA 70087

Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Pace Analytical®
New Orleans Laboratory

Report of Laboratory Analysis
Project Number: 2068503

ACCREDITED IN ACCORDANCE WITH nelac

4/24/2007 15:55:51

Sample Cross Reference Report

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose , LA 70087

Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Client: PASI Charlotte

Project: 92142181

Project No.: 2068503

Sample ID	Lab ID	Matrix	Collection Date/Time		Received Date/Time	
SW-1	928247105	Water	04/11/2007	10:00	04/12/2007	09:05

4/24/2007 15:55:54

New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - 88-0581
Louisiana Dept. of Health and Hospitals / Drinking Water - LA060023
Florida Dept. of Health (NELAC) - E87595
Kansas Dept. of Health Environment - E-10266
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270

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New Orleans Laboratory

Project Narrative

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose , LA 70087

Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Project: 2068503

Sample Receipt Condition:

All samples were received in accordance with EPA protocol.

Holding Times:

All holding times were met.

Blanks:

All blank results were below reporting limits.

Laboratory Control Samples:

All LCS recoveries were within QC limits.

Matrix Spikes and Duplicates:

All MS/MSD recoveries or duplicate RPDs were within QC limits.

Surrogates:

All surrogate recoveries were within QC limits.

New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - 88-0681
Louisiana Dept. of Health and Hospitals / Drinking Water - LA060023
Florida Dept. of Health (NELAC) - E87596
Kansas Dept. of Health .Environment - E-10266
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270

Report of Laboratory Analysis

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose , LA 70087

Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Pace Analytical
New Orleans Laboratory

		Client:	PASI Charlotte		
Client ID:	SW-1	Site:	None		
Project:	92142181	Project No.:	2068503	Sample Qu:	
Lab ID:	928247105	Matrix:	Water	% Moisture:	n/a
Description:	None	Prep Level:	Water	Batch:	84740
Method:	625 SVOAs Single pH Water	Units:	ug/L	Target List:	6251 WL20
		Collected:	04/11/07	Received:	04/12/07
Prep Factor:	1	Prepared:	04/17/07	Analyzed:	04/23/07 15:27 JAM

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit	Reg. Limit
65-85-0	Benzoic acid	1	ND		10.0	
106-44-5	4-Methylphenol (p-Cresol)	1	ND	A7	10.0	
108-95-2	Phenol	1	ND		10.0	
98-55-5	alpha-Terpineol	1	ND		10.0	

4 compound(s) reported

ND denotes Not Detected at or above the adjusted reporting limit.
The Prep Factor accounts for a non-routine sample size.
Reporting Limit is corrected for sample size, dilution and moisture content if applicable.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.
Regulatory limit denotes an actual regulatory limit or a client-requested notification limit.

4/24/2007 15:56:25

New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - 88-0681
Louisiana Dept. of Health and Hospitals / Drinking Water - LA060023
Florida Dept. of Health (NELAC) - E87595
Kansas Dept. of Health _Environment - E-10266
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270

Report of Quality Control

Pace Analytical
New Orleans Laboratory

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Method: EPA 625 **Project:** 2068503 **LCS:** 20514143 4/23/2007 2:59:00 PM

Batch: 84740 **MS:**

Units: ug/L **Original for MS:**

Parameter Name	LCS Spike	LCS Found	LCS %Rec	MS Spike	Sample Found	MS Found	MSD Found	MS %Rec	MSD %Rec	MSD RPD	QC Limits LCS	QC Limits MS/MSD	Max RPD	Qu
Phenol	50	36.48	73								24 - 118	-		Q5

1 compound(s) reported

* denotes recovery outside of QC limits.

MS/MSD RPD is calculated via SW-846 rules on the basis of spiked sample concentrations rather than spike recoveries.

4/24/2007 15:56:28

New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - 88-0681
Louisiana Dept. of Health and Hospitals / Drinking Water - LA060023
Florida Dept. of Health (NELAC) - E87595
Kansas Dept. of Health Environment - E-10266
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270

Report of Batch Surrogate Recovery

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose , LA 70087

Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Report: 2068503 **Batch:** 84740

Lab ID	Type and Qualifiers	Sur 1 %Rec	Sur 2 %Rec	Sur 3 %Rec	Sur 4 %Rec	Sur 5 %Rec	Sur 6 %Rec	Sur 7 %Rec	Sur 8 %Rec
20514142	BLANK	50	74	62	76	71	84		
20514143	LCS	63	70	63	65	70	76		
20514740	BLANK	52	76	59	76	67	83		
20514741	LCS	64	72	60	68	64	74		
928247105	Sample	55	60	51	60	53	62		
QC limits:		25-133	36-108	10-109	21-120	15-113	17-130		

Sur 1: 2,4,6-Tribromophenol (S)
Sur 2: 2-Fluorobiphenyl (S)
Sur 3: 2-Fluorophenol (S)
Sur 4: Nitrobenzene-d5 (S)
Sur 5: Phenol-d5 (S)
Sur 6: Terphenyl-d14 (S)

* denotes surrogate recovery outside of QC limits.
D denotes surrogate recovery is outside of QC limits due to sample dilution, and is not considered an excursion.
A Lab ID consisting of a batch number with a B suffix is a method blank.
A Lab ID consisting of a batch number with a S suffix is an LCS.
A Lab ID with a MS suffix is a matrix spike.
A Lab ID with a MSD suffix is a matrix spike duplicate.

4/24/2007 15:56:31

New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - 88-0681
Louisiana Dept. of Health and Hospitals / Drinking Water - LA060023
Florida Dept. of Health (NELAC) - E87595
Kansas Dept. of Health .Environment - E-10266
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270

Report of Method Blank

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Lab ID: 20514142

Description: 625 SVOAs Single pH Water **Project No.:** 2068503

Method: EPA 625 **Batch:** 84740 **Units:** ug/L

Prep Factor: 1 **Leached:** **Prepared:** 17-Apr-07 **Analyzed:** 04/23/07 14:29 IAM

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit
65-85-0	Benzoic acid	1	ND		10.0
106-44-5	4-Methylphenol (p-Cresol)	1	ND	A7	10.0
108-95-2	Phenol	1	ND		10.0
98-55-5	alpha-Terpineol	1	ND		10.0

4 compound(s) reported

ND denotes Not Detected at or above the reporting limit.
DF denotes Dilution Factor.
RL denotes sample Reporting Limit.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
Analysis performed in (1) New Orleans, (2) Baton Rouge, (3) Bossier City, (4) Houston, or (0) subcontract or field.

4/24/2007 15:56:34

New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - 88-0691
Louisiana Dept. of Health and Hospitals / Drinking Water - LA080023
Florida Dept. of Health (NELAC) - E87985
Kansas Dept. of Health_Environment - E-10266
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270

Pace Analytical
New Orleans Laboratory

Report Qualifiers

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose , LA 70087

Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Project: 2068503

Analyte Qualifiers

Qualifier	Qualifier Description
A7	3-Methylphenol and 4-methylphenol coelute under the conditions used for analysis, therefore the precise isomer in the sample cannot be determined. The sample concentration is arbitrarily reported as 4-methylphenol.

QC Qualifiers

Qualifier	Qualifier Description
Q5	Insufficient sample was provided to perform matrix spike analyses on any sample in this analytical batch. Method performance for this analyte has been demonstrated by the laboratory control sample recovery.

New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - 88-0651
Louisiana Dept. of Health and Hospitals / Drinking Water - LA060023
Florida Dept. of Health (NELAC) - E87595
Kansas Dept. of Health _Environment - E-10266
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 1 of 1

2068503

1039857

Section A Required Client Information:

Company: EARTH ENVIRONMENTAL CONS. INC.
Address: 375 FRANKLIN ST. Rocky Mt. VA 24151
Email To: SWOODYARD@EARTHENV.COM
Phone: 540-483-5975 Fax: 540-483-2221
Requested Due Date/TAT: STANDARD

Section B Required Project Information:

Report To: STEVE WOODYARD
Copy To:
Purchase Order No.:
Project Name: FC LANDFILL
Project Number: FCLF1053

Section C Invoice Information:

Attention:
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager: Annette Scott
Pace Profile #: 4492-4

REGULATORY AGENCY: ☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER ☐ UST ☐ RCRA ☑ Other DEQ

SITE LOCATION: ☐GA ☐IL ☐IN ☐MI ☐MN ☐NC ☐OH ☐SC ☐WI ☑OTHER VA

Section D Required Client Information

SAMPLE ID — One Character per box. (A-Z, 0-9 / -) Samples IDs MUST BE UNIQUE

Valid Matrix Codes: MATRIX / CODE — DRINKING WATER DW; WATER WT; WASTE WATER WW; PRODUCT P; SOIL/SOLID SL; OIL OL; WIPE WP; AIR AR; OTHER OT; TISSUE TS

Requested Analysis: Filtered (Y/N) N N N N N N N N N

ITEM #	SAMPLE ID	MATRIX CODE	SAMPLE TYPE G=GRAB C=COMP	COLLECTED COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	PH	SODS	TSS	AMMONIA (AS N)	ALPHA TERPINEOL	BENZOIC ACID	P-CRESOL	PHENOL	TOTAL ZINC	Residual Chlorine (Y/N)	Pace Project Number / Lab I.D.
1	SW-1	WT	G			4/11/07	1000		6	5		1						✓	✓	✓	✓	✓	✓	✓	✓	✓		92824 7105
2																												
3																												
4																												
5																												
6																												
7																												
8																												
9																												
10																												
11																												
12																												

Additional Comments: ANALYZED FO
+ BOD 5
+ Total Suspended Solids (TSS)
+ Ammonia (as N)
+ Alpha Terpineol
+ Benzoic Acid
+ p-Cresol
+ Phenol
+ Total Zinc
+ ph *NO CHLORINE PRESENT ON SITE* gs

SEE REVERSE SIDE FOR INSTRUCTIONS

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITION: Temp in °C	Received on Ice	Custody Sealed Cooler	Samples Intact
			[illegible]	4/12	905	26	Y/N	Y/N	Y/N
[illegible] - Pace	4/12/07	1700	FED EX	4/12/07	1700		Y/N	Y/N	Y/N
FED EX	4/13/07	1000	[illegible] / Pace	4/13/07	1000	23	Y/N	Y/N	Y/N
							Y/N	Y/N	Y/N

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: JERRY W. EVANS JR.

SIGNATURE of SAMPLER:

DATE Signed (MM / DD / YY): 3 1066

ENGINEERING, INC.

Waste Industry Experts

Joyce Engineering, Inc
1604 Ownby Lane
Richmond, VA 23220

tel: 804/355-4520
fax: 804/355-4282

www.JoyceEngineering.com

July 14, 2006

Mr. Kip Foster
Environmental Engineer Senior
West Central Regional Office
Department of Environmental Quality
3019 Peters Creek Road, Suite C
Roanoke, VA 24019

RECEIVED WCRO

RE: VPDES General Permit VAR050223
Franklin County Sanitary Landfill
Franklin County, Virginia
JEI Project No. 459.00, Task 27, Subfolder 02

Dear Mr. Foster,

On behalf of Franklin County, Joyce Engineering, Inc. is submitting storm water analytical results for the County's landfill, as required by Virginia Pollutant Discharge Elimination System (VPDES) General Permit VAR050223, for the monitoring period of July 1, 2005 through June 30, 2006. The samples were collected on June 19, 2006, at 5:50 pm, during an approximate 0.7-inch storm event. The previous measurable storm event was five days and seven hours prior to the June 19, 2006 storm event.

As shown on the completed Discharge Monitoring Report (DMR), the facility did not exceed any of the threshold limitations for the parameters required to be monitored by General Permit VAR050223. If you have any questions or comments, please contact me at (804) 355-4520.

Sincerely,
JOYCE ENGINEERING, INC.

Rebeccah P. Ward, P.E.
Technical Consultant

Enclosure

c: Mr. Richard E. Huff, II, Franklin County (w/enclosure)
Mr. Barry Sink, Franklin County (w/enclosure)
Mr. Van Burbach, Ph.D., P.G., JEI (w/enclosure)
Mr. Evan Andrews, P.E., JEI (w/enclosure)

P:\Franklin\SWPPP\VPDES\VPDES analytical sampling letter to DEQ - July 2006.doc

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COMMONWEALTH OF VIRGINIA
DEPARTMENT OF ENVIRONMENTAL QUALITY
VIRGINIA POLLUTANT DISCHARGE ELIMINATION SYSTEM (VPDES)
DISCHARGE MONITORING REPORT (DMR)

NOTE: READ PERMIT AND GENERAL INSTRUCTIONS BEFORE COMPLETING THIS FORM.

DEPT. OF ENVIRONMENTAL QUALITY
West Central Regional Office
3019 Peters Creek Road
Roanoke VA, 24019

TYPE: STORM WATER

SECTOR L - LANDFILLS (INDUSTRIAL ACTIVITY CODE "LF") - PAGE 1 of 2

VAR050223	001
PERMIT NUMBER	OUTFALL NO.

PERMITTEE NAME RICHARD E. HUFF, II

FACILITY NAME FRANKLIN CO. LANDFILL

ADDRESS: 9340 VIRGIL H. GOODE HWY.
ROCKY MOUNT, VA 24151

Check One	MONITORING PERIOD YEAR	MO	DAY	TO	YEAR	MO	DAY
	2004	July	1		2005	June	30
✓	2005	July	1		2006	June	30
	2006	July	1		2007	June	30
	2007	July	1		2008	June	30
	2008	July	1		2009	June	30

CONTACT PERSON STEVE WOODYARD TELEPHONE 540-483-5975

PARAMETER		QUALITY OR CONCENTRATION MINIMUM	AVERAGE	MAXIMUM	UNITS	NO. EX.	SAMPLE TYPE
003 BOD5	REPORTED	******		3.42	mg/L		
	REQUIREMENT	******	37	140	mg/l		GRAB
004 TOTAL SUS. SOLIDS	REPORTED	******		5.20	mg/L		
	REQUIREMENT	******	27	88	mg/l		GRAB
039 AMMONIA (AS N)	REPORTED	******		0.784	mg/L		
	REQUIREMENT	******	4.9	10	mg/l		GRAB
052 ALPHA TERPINEOL	REPORTED	******		ND			
	REQUIREMENT	******	0.016	0.033	mg/l		GRAB
061 BENZOIC ACID	REPORTED	******		ND			
	REQUIREMENT	******	0.071	0.12	mg/l		GRAB
511 p-CRESOL	REPORTED	******		ND			
	REQUIREMENT	******	0.014	0.025	mg/l		GRAB
175 PHENOL	REPORTED	******		ND			
	REQUIREMENT	******	0.015	0.026	mg/l		GRAB

STORM EVENT INFORMATION			
DATE	YR.	MO	DAY
	06	06	19
DURATION	HRS	MIN	
	0	40	
PRECIP. AMOUNT (IN.)	0.7		
RUNOFF VOL. (GAL.)	51,100		
PRECEDING EVENT	DAYS	HRS	
	5	7	

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief, true accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 U. S. C. § 1001 and 33 U. S. C. § 1319. (Penalties under these statutes may include fines up to $10,000 and or maximum imprisonment of between 6 months and five years.)

PRINCIPLE EXECUTIVE OFFICER OR AUTHORIZED AGENT		DATE		
BARRY SINK	Barry Sink	06	7	7
TYPED OR PRINTED NAME	SIGNATURE	YR.	MO.	DAY

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF ENVIRONMENTAL QUALITY
VIRGINIA POLLUTANT DISCHARGE ELIMINATION SYSTEM (VPDES)
DISCHARGE MONITORING REPORT (DMR)

DEPT. OF ENVIRONMENTAL QUALITY
West Central Regional Office
3019 Peters Creek Road
Roanoke VA, 24019

NOTE: READ PERMIT AND GENERAL INSTRUCTIONS BEFORE COMPLETING THIS FORM.

TYPE: **STORM WATER**

SECTOR L - LANDFILLS (INDUSTRIAL ACTIVITY CODE "LF") - PAGE 2 of 2

VAR050223	001
PERMIT NUMBER	OUTFALL NO.

PERMITTEE NAME RICHARD E. HUFF, II

FACILITY NAME FRANKLIN CO. LANDFILL

ADDRESS: 9340 VIRGIL H. GOODE HWY.
ROCKY MOUNT, VA 24151

Check One	MONITORING PERIOD YEAR	MO	DAY	TO	YEAR	MO	DAY
	2004	July	1		2005	June	30
✓	2005	July	1		2006	June	30
	2006	July	1		2007	June	30
	2007	July	1		2008	June	30
	2008	July	1		2009	June	30

CONTACT PERSON STEVE WOODYARD TELEPHONE 540-483-5975

PARAMETER		QUALITY OR CONCENTRATION MINIMUM	AVERAGE	MAXIMUM	UNITS	NO. EX.	SAMPLE TYPE
020 ZINC, TOTAL (AS ZN)	REPORTED	******		ND			
	REQUIREMENT	******	0.11	0.20	mg/l		GRAB
002 pH	REPORTED		******	7.90	SU		
	REQUIREMENT	6.0	******	9.0	SU		GRAB
	REPORTED						
	REQUIREMENT						
	REPORTED						
	REQUIREMENT						
	REPORTED						
	REQUIREMENT						
	REPORTED						
	REQUIREMENT						
	REPORTED						
	REQUIREMENT						

STORM EVENT INFORMATION			
DATE	YR.	MO	DAY
	06	06	19
DURATION	HRS	MIN	
	0	40	
PRECIP. AMOUNT (IN.)	0.7		
RUNOFF VOL. (GAL.)	51,100		
PRECEDING EVENT	DAYS	HRS	
	5	7	

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief, true accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 U. S. C. § 1001 and 33 U. S. C. § 1319. (Penalties under these statutes may include fines up to $10,000 and or maximum imprisonment of between 6 months and five years.)

PRINCIPLE EXECUTIVE OFFICER OR AUTHORIZED AGENT		DATE		
BARRY SINK	Barry Sink	06	7	7
TYPED OR PRINTED NAME	SIGNATURE	YR.	MO.	DAY

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

July 03, 2006

Client: Earth Environmental Consultant (8487)
375 Franklin Street
Rocky Mount, VA 24151
Attn: Steve Woodyard

Work Order: NPF2792
Project Name: Franklin County Landfill
Project Nbr: FCLF 1052
P/O Nbr:
Date Received: 06/21/06

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
SW-1	NPF2792-01	06/19/06 17:50

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accredidation.

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The Chain(s) of Custody, 3 pages, are included and are an integral part of this report.

These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

Report Approved By:

Roxanne L. Connor

Roxanne Connor
Senior Project Manager

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ANALYTICAL TESTING CORPORATION
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Client	Earth Environmental Consultant (8487) 375 Franklin Street Rocky Mount, VA 24151	Work Order:	NPF2792
		Project Name:	Franklin County Landfill
		Project Number:	FCLF 1052
Attn	Steve Woodyard	Received:	06/21/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPF2792-01 (SW-1 - Water) Sampled: 06/19/06 17:50								
General Chemistry Parameters								
Ammonia as N	**0.784**		mg/L	0.100	1	06/28/06 17:18	EPA 350.1M	6065501
BOD - 5 Day	**3.42**	H	mg/L	2.00	1	06/26/06 23:00	EPA 405.1	6064224
pH	**7.90**	HTI	pH Units	0.100	1	06/21/06 17:22	EPA 150.1	6064118
Total Suspended Solids	**5.20**		mg/L	2.00	1	06/21/06 18:15	EPA 160.2	6064205
Total Metals by EPA Method 200.7								
Zinc	ND		mg/L	0.0500	1	06/22/06 16:39	EPA 200.7	6064096
Semivolatile Organic Compounds by EPA Method 8270C								
alpha-Terpineol	ND		ug/L	9.43	1	06/24/06 06:04	SW846 8270C	6064549
Atrazine	ND		ug/L	9.43	1	07/03/06 13:36	SW846 8270C	6064549
Benzoic acid	ND		ug/L	47.2	1	06/24/06 15:08	SW846 8270C	6064549
Biphenyl	ND		ug/L	9.43	1	07/03/06 13:36	SW846 8270C	6064549
Caprolactam	ND		ug/L	9.43	1	06/24/06 06:04	SW846 8270C	6064549
3/4-Methylphenol	ND		ug/L	9.43	1	06/24/06 15:08	SW846 8270C	6064549
Phenol	ND		ug/L	9.43	1	06/24/06 15:08	SW846 8270C	6064549
Surr: 2-Fluorophenol (10-64%)	*41 %*					*06/24/06 15:08*	*SW846 8270C*	*6064549*
Surr: Phenol-d5 (10-48%)	*27 %*					*06/24/06 15:08*	*SW846 8270C*	*6064549*
Surr: Nitrobenzene-d5 (31-112%)	*80 %*					*06/24/06 15:08*	*SW846 8270C*	*6064549*
Surr: 2-Fluorobiphenyl (33-101%)	*81 %*					*06/24/06 15:08*	*SW846 8270C*	*6064549*
Surr: 2,4,6-Tribromophenol (32-118%)	*86 %*					*06/24/06 15:08*	*SW846 8270C*	*6064549*
Surr: Terphenyl-d14 (31-111%)	*68 %*					*06/24/06 15:08*	*SW846 8270C*	*6064549*

TestAmerica
ANALYTICAL TESTING CORPORATION
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Client	Earth Environmental Consultant (8487)	Work Order:	NPF2792
	375 Franklin Street	Project Name:	Franklin County Landfill
	Rocky Mount, VA 24151	Project Number:	FCLF 1052
Attn	Steve Woodyard	Received:	06/21/06 08:00

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
General Chemistry Parameters							
EPA 405.1	6064224	NPF2792-01	300.00	300.00	06/22/06 01:00	BXK	BOD/CBOD
Semivolatile Organic Compounds by EPA Method 8270C							
SW846 8270C	6064549	NPF2792-01	1060.00	1.00	06/23/06 15:15	PJB	EPA 3510C
Total Metals by EPA Method 200.7							
EPA 200.7	6064096	NPF2792-01	50.00	50.00	06/21/06 12:32	LTB	EPA 200.7

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Client	Earth Environmental Consultant (8487) 375 Franklin Street Rocky Mount, VA 24151	Work Order:	NPF2792
		Project Name:	Franklin County Landfill
		Project Number:	FCLF 1052
Attn	Steve Woodyard	Received:	06/21/06 08:00

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
General Chemistry Parameters						
6064205-BLK1						
Total Suspended Solids	<0.500		mg/L	6064205	6064205-BLK1	06/21/06 18:15
6064224-BLK1						
BOD - 5 Day	<1.00		mg/L	6064224	6064224-BLK1	06/26/06 23:00
6065501-BLK1						
Ammonia as N	0.0574		mg/L	6065501	6065501-BLK1	06/28/06 17:18
Total Metals by EPA Method 200.7						
6064096-BLK1						
Zinc	0.00280		mg/L	6064096	6064096-BLK1	06/22/06 13:55
Semivolatile Organic Compounds by EPA Method 8270C						
6064549-BLK1						
alpha-Terpineol	<2.50		ug/L	6064549	6064549-BLK1	06/25/06 17:12
Atrazine	<10.0		ug/L	6064549	6064549-BLK1	06/24/06 06:04
Benzoic acid	<7.60		ug/L	6064549	6064549-BLK1	06/24/06 12:40
Biphenyl	<10.0		ug/L	6064549	6064549-BLK1	06/24/06 06:04
Caprolactam	<10.0		ug/L	6064549	6064549-BLK1	06/25/06 17:12
3/4-Methylphenol	<3.10		ug/L	6064549	6064549-BLK1	06/24/06 12:40
Phenol	<1.80		ug/L	6064549	6064549-BLK1	06/24/06 12:40
Surrogate: 2-Fluorophenol	61%			6064549	6064549-BLK1	06/24/06 12:40
Surrogate: Phenol-d5	41%			6064549	6064549-BLK1	06/24/06 12:40
Surrogate: Nitrobenzene-d5	99%			6064549	6064549-BLK1	06/24/06 12:40
Surrogate: 2-Fluorobiphenyl	96%			6064549	6064549-BLK1	06/24/06 12:40
Surrogate: 2,4,6-Tribromophenol	100%			6064549	6064549-BLK1	06/24/06 12:40
Surrogate: Terphenyl-d14	94%			6064549	6064549-BLK1	06/24/06 12:40

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Client	Earth Environmental Consultant (8487)	Work Order:	NPF2792
	375 Franklin Street	Project Name:	Franklin County Landfill
	Rocky Mount, VA 24151	Project Number:	FCLF 1052
Attn	Steve Woodyard	Received:	06/21/06 08:00

PROJECT QUALITY CONTROL DATA
Duplicate

Analyte	Orig. Val.	Duplicate	Q	Units	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
General Chemistry Parameters									
6064118-DUP1									
pH	7.10	7.00		pH Units	1	200	6064118	NPF2694-04	06/21/06 17:22
6064205-DUP1									
Total Suspended Solids	14.5	14.0		mg/L	4	20	6064205	NPF2840-01	06/21/06 18:15
6064224-DUP1									
BOD - 5 Day	3.42	3.29		mg/L	4	20	6064224	NPF2792-01	06/26/06 23:00
6064224-DUP2									
BOD - 5 Day	ND	ND		mg/L		20	6064224	NPF2794-01	06/26/06 23:00
6065501-DUP1									
Ammonia as N	13.6	13.8		mg/L	1	11	6065501	NPF3465-01	06/28/06 17:18

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Client	Earth Environmental Consultant (8487) 375 Franklin Street Rocky Mount, VA 24151	Work Order:	NPF2792
		Project Name:	Franklin County Landfill
		Project Number:	FCLF 1052
Attn	Steve Woodyard	Received:	06/21/06 08:00

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
General Chemistry Parameters								
6064205-BS1								
Total Suspended Solids	100	98.0		mg/L	98%	90 - 110	6064205	06/21/06 18:15
6064224-BS1								
BOD - 5 Day	198	199		ug/mL	101%	85 - 115	6064224	06/26/06 23:00
6065501-BS1								
Ammonia as N	5.00	5.43		ug/mL	109%	90 - 110	6065501	06/28/06 17:18
Total Metals by EPA Method 200.7								
6064096-BS1								
Zinc	0.500	0.543		mg/L	109%	85 - 115	6064096	06/22/06 14:00
Semivolatile Organic Compounds by EPA Method 8270C								
6064549-BS1								
alpha-Terpineol	50.0	67.4		ug/L	135%	58 - 156	6064549	06/25/06 17:34
Benzoic acid	50.0	30.2	L	ug/L	60%	21 - 37	6064549	06/24/06 13:09
3/4-Methylphenol	50.0	43.4		ug/L	87%	4 - 99	6064549	06/24/06 13:09
Phenol	50.0	22.4		ug/L	45%	18 - 50	6064549	06/24/06 13:09
Surrogate: 2-Fluorophenol	50.2	28.9			58%	10 - 64	6064549	06/24/06 13:09
Surrogate: Phenol-d5	50.2	20.2			40%	10 - 48	6064549	06/24/06 13:09
Surrogate: Nitrobenzene-d5	50.2	46.9			93%	31 - 112	6064549	06/24/06 13:09
Surrogate: 2-Fluorobiphenyl	50.2	47.2			94%	33 - 101	6064549	06/24/06 13:09
Surrogate: 2,4,6-Tribromophenol	50.2	53.1			106%	32 - 118	6064549	06/24/06 13:09
Surrogate: Terphenyl-d14	50.2	44.7			89%	31 - 111	6064549	06/24/06 13:09
6064549-BS2								
Atrazine	50.0	23.2		ug/L	46%	39 - 109	6064549	07/03/06 13:13
Benzoic acid	50.0	32.2	L	ug/L	64%	21 - 37	6064549	06/24/06 13:39
Biphenyl	50.0	22.6		ug/L	45%	39 - 109	6064549	07/03/06 13:13
Caprolactam	50.0	22.0		ug/L	44%	39 - 109	6064549	06/25/06 17:57
Phenol	50.0	17.7		ug/L	35%	18 - 50	6064549	06/24/06 13:39
Surrogate: 2-Fluorophenol	50.2	25.7			51%	10 - 64	6064549	06/24/06 13:39
Surrogate: Phenol-d5	50.2	18.3			36%	10 - 48	6064549	06/24/06 13:39
Surrogate: Nitrobenzene-d5	50.2	44.3			88%	31 - 112	6064549	06/24/06 13:39
Surrogate: 2-Fluorobiphenyl	50.2	45.6			91%	33 - 101	6064549	06/24/06 13:39
Surrogate: 2,4,6-Tribromophenol	50.2	50.6			101%	32 - 118	6064549	06/24/06 13:39
Surrogate: Terphenyl-d14	50.2	43.0			86%	31 - 111	6064549	06/24/06 13:39
6064549-BS3								
3/4-Methylphenol	100	30.0		ug/L	30%	4 - 99	6064549	06/24/06 14:08
Phenol	50.0	20.0		ug/L	40%	18 - 50	6064549	06/24/06 14:08
Surrogate: 2-Fluorophenol	50.2	28.6			57%	10 - 64	6064549	06/24/06 14:08

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ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Earth Environmental Consultant (8487)	Work Order:	NPF2792
	375 Franklin Street	Project Name:	Franklin County Landfill
	Rocky Mount, VA 24151	Project Number:	FCLF 1052
Attn	Steve Woodyard	Received:	06/21/06 08:00

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Semivolatile Organic Compounds by EPA Method 8270C								
6064549-BS3								
Surrogate: Phenol-d5	50.2	19.8			39%	10 - 48	6064549	06/24/06 14:08
Surrogate: Nitrobenzene-d5	50.2	23.3			46%	31 - 112	6064549	06/24/06 14:08
Surrogate: 2-Fluorobiphenyl	50.2	22.9			46%	33 - 101	6064549	06/24/06 14:08
Surrogate: 2,4,6-Tribromophenol	50.2	51.5			103%	32 - 118	6064549	06/24/06 14:08
Surrogate: Terphenyl-d14	50.2	28.5			57%	31 - 113	6064549	06/24/06 14:08

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	375 Franklin Street	Project Name:	Franklin County Landfill
	Rocky Mount, VA 24151	Project Number:	FCLF 1052
Attn	Steve Woodyard	Received:	06/21/06 08:00

PROJECT QUALITY CONTROL DATA
LCS Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
General Chemistry Parameters												
6064205-BSD1												
Total Suspended Solids		97.0		mg/L	100	97%	90 - 110	1	20	6064205		06/21/06 18:15
Total Metals by EPA Method 200.7												
6064096-BSD1												
Zinc		0.548		mg/L	0.500	110%	85 - 115	0.9	20	6064096		06/22/06 14:04
Semivolatile Organic Compounds by EPA Method 8270C												
6064549-BSD1												
alpha-Terpineol		58.8		ug/L	50.0	118%	58 - 156	14	45	6064549		06/25/06 18:19
Atrazine		ND		ug/L			39 - 109		45	6064549		06/24/06 06:04
Benzoic acid		30.8	L	ug/L	50.0	62%	21 - 37	2	84	6064549		06/24/06 14:38
Biphenyl		ND		ug/L			39 - 109		45	6064549		06/24/06 06:04
Caprolactam		ND		ug/L			39 - 109		45	6064549		06/25/06 18:19
3/4-Methylphenol		38.0		ug/L	50.0	76%	4 - 99	13	54	6064549		06/24/06 14:38
Phenol		17.6		ug/L	50.0	35%	18 - 50	24	54	6064549		06/24/06 14:38
Surrogate: 2-Fluorophenol		23.6		ug/L	50.2	47%	10 - 64			6064549		06/24/06 14:38
Surrogate: Phenol-d5		16.9		ug/L	50.2	34%	10 - 48			6064549		06/24/06 14:38
Surrogate: Nitrobenzene-d5		40.2		ug/L	50.2	80%	31 - 112			6064549		06/24/06 14:38
Surrogate: 2-Fluorobiphenyl		40.8		ug/L	50.2	81%	33 - 101			6064549		06/24/06 14:38
Surrogate: 2,4,6-Tribromophenol		47.6		ug/L	50.2	95%	32 - 118			6064549		06/24/06 14:38
Surrogate: Terphenyl-d14		41.6		ug/L	50.2	83%	31 - 111			6064549		06/24/06 14:38

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Client	Earth Environmental Consultant (8487)	Work Order:	NPF2792
	375 Franklin Street	Project Name:	Franklin County Landfill
	Rocky Mount, VA 24151	Project Number:	FCLF 1052
Attn	Steve Woodyard	Received:	06/21/06 08:00

PROJECT QUALITY CONTROL DATA
Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
General Chemistry Parameters										
6065501-MS1										
Ammonia as N	0.784	6.89	M7	ug/mL	5.00	122%	90 - 110	6065501	NPF2792-01	06/28/06 17:18
Total Metals by EPA Method 200.7										
6064096-MS1										
Zinc	0.0285	0.562		mg/L	0.500	107%	70 - 130	6064096	NPF2274-05	06/22/06 14:13

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ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Earth Environmental Consultant (8487)	Work Order:	NPF2792
	375 Franklin Street	Project Name:	Franklin County Landfill
	Rocky Mount, VA 24151	Project Number:	FCLF 1052
Attn	Steve Woodyard	Received:	06/21/06 08:00

PROJECT QUALITY CONTROL DATA
Matrix Spike Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
General Chemistry Parameters												
6065501-MSD1												
Ammonia as N	0.784	6.93	M7	mg/mL	5.00	123%	90 - 110	0.6	11	6065501	NPF2792-01	06/28/06 17:18
Total Metals by EPA Method 200.7												
6064096-MSD1												
Zinc	0.0285	0.564		mg/L	0.500	107%	70 - 130	0.4	20	6064096	NPF2274-05	06/22/06 14:18

TestAmerica
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2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Earth Environmental Consultant (8487)	Work Order:	NPF2792
	375 Franklin Street	Project Name:	Franklin County Landfill
	Rocky Mount, VA 24151	Project Number:	FCLF 1052
Attn	Steve Woodyard	Received:	06/21/06 08:00

CERTIFICATION SUMMARY

TestAmerica - Nashville, TN

Method	Matrix	AIHA	Nelac	Virginia
EPA 150.1	Water	N/A	X	
EPA 160.2	Water	N/A	X	
EPA 200.7	Water	N/A	X	
EPA 350.1M	Water	N/A	X	
EPA 405.1	Water	N/A	X	
SW846 8270C	Water	N/A	X	N/A

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Earth Environmental Consultant (8487)	Work Order:	NPF2792
	375 Franklin Street	Project Name:	Franklin County Landfill
	Rocky Mount, VA 24151	Project Number:	FCLF 1052
Attn	Steve Woodyard	Received:	06/21/06 08:00

DATA QUALIFIERS AND DEFINITIONS

H	Sample analysis performed past method-specified holding time.
HTI	The holding time for this test is immediate. The laboratory measurement, therefore, may not be suitable for compliance purposes.
L	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the acceptance limits. Analyte not detected, data not impacted.
M7	The MS and/or MSD were above the acceptance limits. See Blank Spike (LCS).

METHOD MODIFICATION NOTES

350.1 M - M = Ammonia-Nitrogen method modified for midi-distillation with Lachat Procedure 10-107-06-1-A.

TestAmerica ANALYTICAL TESTING CORPORATION

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

Phone: 615-726-0177
Fax: 615-726-3404

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?
Compliance Monitoring: YES

Client Name: EARTH ENV. CONS. Client #: 8487
Address: 375 FRANKLIN STREET
City/State/Zip Code: ROCKY MOUNT, VA 24151
Project Manager: STEVE WOODYARD
Telephone Number: 540-483-5975 Fax: 540-483-2221
Sampler Name: (Print Name) STEVE WOODYARD
Sampler Signature: [signature]

Project Name: FRANKLIN CO. LANDFILL
Project #: FCLF 1052
Site/Location ID: ROCKY MOUNT State: VA
Report To: STEVE WOODYARD
Invoice To:
Quote #: PO#:

TAT: ✓ Standard ___ Rush (surcharges may apply)
Date Needed:
Fax Results: (Y) N
EMAIL

SAMPLE ID	Date Sampled	Time Sampled	G = Grab, C = Composite	Field Filtered	Matrix (SL - Sludge, DW - Drinking Water, GW - Groundwater, S - Soil/Solid, WW - Wastewater, Specify Other)	Preservation & # of Containers: HNO_3	HCl	NaOH	H_2SO_4	Methanol	None	Other (Specify)	BOD 5	TSS	AMMONIA as N	ALPHA TERPINEOL	BENZOIC ACID	p-CRESOL	PHENOL	TOTAL ZINC	pH		REMARKS
SW-1	6/19/06	1750	G	N	SW	1			1		5		✓	✓	✓	✓	✓	✓	✓	✓	✓		

QC Deliverables: ___ None ✓ Level 2 (Batch QC) ___ Level 3 ___ Level 4 Other: ___

NPF2792
06/30/06 23:59

Special Instructions:
STORM WATER RUNOFF FOR OUTFALL 001

Relinquished By:	Date:	Time:	Received By:	Date:	Time:
[signature]	6/20/06	1500			
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By: [signature]	6/21/06	8:00

LABORATORY COMMENTS:
Init Lab Temp:
Rec Lab Temp:
Custody Seals: Y N N/A
Bottles Supplied by Test America: Y N
Method of Shipment:

(4)

TestAmerica
ANALYTICAL TESTING CORPORATION

NASHVILLE ALERT FORM FOR SAMPLE LOGIN

This form is to be emailed only to the appropriate parties. The email will serve as the document control of the date and time received/sent.

ALERT INFORMATION

Project TAT **DAY** **Documentation Level: II III IV**

Client Name:	**Earth Env.**
Client Number:	**8487**
Project Name:	**Franklin County Landfill**
Project Number:	
Date to receive cooler:	**6/21/06**
How many samples are there?	**1**
Matrix?	**Water**
What tests will be on the COC?	**BOD**
Will a copy of the COC be faxed?	YES or **NO** Please highlight or circle the appropriate answer.
Is this Project TAT Pre-Approved?	**YES** or NO Please highlight/circle the appropriate answer. Login, for pre-approved projects, please answer demographic "Approved Rush (YES)?" (60271) for every sample

PURPOSE OF THIS ALERT:

Heads up for incoming project: The BOD sample was collected on the 19th at 17:50.

Or

Project changes prior to sample login:

LOGIN: REMEMBER TO ALWAYS PRINT CLIENT NOTES, WHEN APPLICABLE.

Project Manager & Extension:

JOYCE
ENGINEERING, INC.

FILE COPY

Waste Industry Experts

Joyce Engineering, Inc
1604 Ownby Lane
Richmond, VA 23220

tel: 804/355-4520
fax: 804/355-4282

www.JoyceEngineering.com

August 30, 2005

Robbie Williams
Environmental Engineer Senior
West Central Regional Office
Department of Environmental Quality
3019 Peters Creek Road, Suite C
Roanoke, VA 24019

RECEIVED
DEQ - WCRO

RE: VPDES General Permit VAR050223
Franklin County Sanitary Landfill
Franklin County, Virginia
JEI Project No. 179.00, Task 01, Subfolder 02

Dear Mr. Williams,

On behalf of Franklin County, Joyce Engineering, Inc. is submitting storm water analytical results for the County's landfill, as required by Virginia Pollutant Discharge Elimination System (VPDES) General Permit VAR050223 for the first year of the permit (July 1, 2004 through June 30, 2005). The samples were collected on June 29, 2005; however, due to a mailing error, we just recently received the analytical results.

As shown on the completed Discharge Monitoring Report (DMR), the facility exceeded the effluent limits for total suspended solids (TSS) and Total Zinc. On June 29, 2005, the facility experienced a storm that produced 2.5 inches over approximately one hour and ten minutes. As a result of the intensity of the storm, erosion occurred at the facility, resulting in the high TSS limit. The facility will evaluate options to reduce the future amount of TSS being discharged, such as cleaning out the basin, cleaning out upstream conveyance channels and ditches, and seeding areas that are already brought to grade or are not being actively filled.

If you have any questions or comments, please contact me at (804) 355-4520.

Sincerely,
JOYCE ENGINEERING, INC.

Rebecca P. Ward

Rebeccah P. Ward, P.E.
Project Manager

Enclosure

RECEIVED
DEQ - WCRO

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF ENVIRONMENTAL QUALITY
VIRGINIA POLLUTANT DISCHARGE ELIMINATION SYSTEM (VPDES)
DISCHARGE MONITORING REPORT (DMR)

NOTE: READ PERMIT AND GENERAL INSTRUCTIONS BEFORE COMPLETING THIS FORM.

DEPT. OF ENVIRONMENTAL QUALITY
West Central Regional Office
3019 Peters Creek Road
Roanoke VA, 24019

TYPE: STORM WATER

SECTOR L - LANDFILLS (INDUSTRIAL ACTIVITY CODE "LF") - PAGE 1 of 2

VAR050223	001
PERMIT NUMBER	OUTFALL NO.

PERMITTEE NAME RICHARD E. HUFF II

FACILITY NAME FRANKLIN CO. LANDFILL

ADDRESS: 9340 VIRGIL H. GOODE HWY.
ROCKY MOUNT, VA 24151

Check One	MONITORING PERIOD YEAR	MO	DAY	TO	YEAR	MO	DAY
✓	2004	July	1		2005	June	30
	2005	July	1		2006	June	30
	2006	July	1		2007	June	30
	2007	July	1		2008	June	30
	2008	July	1		2009	June	30

CONTACT PERSON STEVE WOODYARD TELEPHONE 540-483-5975

PARAMETER		QUALITY OR CONCENTRATION MINIMUM	AVERAGE	MAXIMUM	UNITS	NO. EX.	SAMPLE TYPE
003 BOD5	REPORTED	******		6.2	mg/l		
	REQUIREMENT	******	37	140	mg/l		GRAB
004 TOTAL SUS. SOLIDS	REPORTED	******		17,800	mg/l		
	REQUIREMENT	******	27	88	mg/l		GRAB
039 AMMONIA (AS N)	REPORTED	******		0.550	mg/l		
	REQUIREMENT	******	4.9	10	mg/l		GRAB
052 ALPHA TERPINEOL	REPORTED	******		ND			
	REQUIREMENT	******	0.016	0.033	mg/l		GRAB
061 BENZOIC ACID	REPORTED	******		ND	mg/l		
	REQUIREMENT	******	0.071	0.12	mg/l		GRAB
511 p-CRESOL	REPORTED	******		ND	mg/l		
	REQUIREMENT	******	0.014	0.025	mg/l		GRAB
175 PHENOL	REPORTED	******		ND	mg/l		
	REQUIREMENT	******	0.015	0.026	mg/l		GRAB

STORM EVENT INFORMATION			
DATE	YR.	MO	DAY
	05	06	29
DURATION	HRS	MIN	
	1	10	
PRECIP. AMOUNT (IN.)	2.5		
RUNOFF VOL. (GAL.)	182,500		
PRECEDING EVENT	DAYS	HRS	
	7	22	

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief, true accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 U. S. C. § 1001 and 33 U. S. C. § 1319. (Penalties under these statutes may include fines up to $10,000 and or maximum imprisonment of between 6 months and five years.)

PRINCIPLE EXECUTIVE OFFICER OR AUTHORIZED AGENT		DATE		
BARRY SINK	Barry Sink	05	7	28
TYPED OR PRINTED NAME	SIGNATURE	YR.	MO.	DAY

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF ENVIRONMENTAL QUALITY
VIRGINIA POLLUTANT DISCHARGE ELIMINATION SYSTEM (VPDES)
DISCHARGE MONITORING REPORT (DMR)

NOTE: READ PERMIT AND GENERAL INSTRUCTIONS BEFORE COMPLETING THIS FORM.

DEPT. OF ENVIRONMENTAL QUALITY
West Central Regional Office
3019 Peters Creek Road
Roanoke VA, 24019

TYPE: STORM WATER

SECTOR L - LANDFILLS (INDUSTRIAL ACTIVITY CODE "LF") - PAGE 2 of 2

VAR050223	001
PERMIT NUMBER	OUTFALL NO.

PERMITTEE NAME: RICHARD E. HUFF II

FACILITY NAME: FRANKLIN CO. LANDFILL

ADDRESS: 7340 VIRGIL H. GOODE HWY.
ROCKY MOUNT, VA 24151

CONTACT PERSON: STEVE WOODYARD TELEPHONE: 540-483-5715

Check One	MONITORING PERIOD YEAR	MO	DAY	TO	YEAR	MO	DAY
✓	2004	July	1		2005	June	30
	2005	July	1		2006	June	30
	2006	July	1		2007	June	30
	2007	July	1		2008	June	30
	2008	July	1		2009	June	30

PARAMETER		QUALITY OR CONCENTRATION MINIMUM	AVERAGE	MAXIMUM	UNITS	NO. EX.	SAMPLE TYPE
020 ZINC, TOTAL (AS ZN)	REPORTED	******		820	ug/l		
	REQUIREMENT	******	0.11	0.20	mg/l		GRAB
002 pH	REPORTED		******	6.8	SU		
	REQUIREMENT	6.0	******	9.0	SU		GRAB
	REPORTED						
	REQUIREMENT						
	REPORTED						
	REQUIREMENT						
	REPORTED						
	REQUIREMENT						
	REPORTED						
	REQUIREMENT						
	REPORTED						
	REQUIREMENT						

STORM EVENT INFORMATION			
DATE	YR.	MO	DAY
	05	06	29
DURATION	HRS	MIN	
	1	10	
PRECIP. AMOUNT (IN.)	2.5		
RUNOFF VOL. (GAL.)	182,500		
PRECEDING EVENT	DAYS	HRS	
	7	22	

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief, true accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 U. S. C. § 1001 and 33 U. S. C. § 1319. (Penalties under these statutes may include fines up to $10,000 and or maximum imprisonment of between 6 months and five years.)

PRINCIPLE EXECUTIVE OFFICER OR AUTHORIZED AGENT		DATE		
BARRY SMITH	Barry Smith	05	7	28
TYPED OR PRINTED NAME	SIGNATURE	YR.	MO.	DAY

TestAmerica
ANALYTICAL TESTING CORPORATION

2960 Foster Creighton Drive • Nashville, Tennessee 37204
800-765-0980 • 615-726-3404 Fax

7/12/05

EARTH ENVIRONMENTAL CONSULTANT 8487
STEVE WOODYARD
375 FRANKLIN STREET
ROCKY MOUNT, VA 24151

This report includes the analytical certificates of analysis for all samples listed below. These samples relate to your project identified below:

Project Name: FRANKLIN CO. LANDFILL
Project Number: FCLF1051.
Laboratory Project Number: 421511.

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. Any QC recoveries outside laboratory control limits are flagged individually with an #. Sample specific comments and quality control statements are included in the Laboratory notes section of the analytical report for each sample report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accreditation.

Sample Identification	Lab Number	Collection Date
SW-1	05-A95308	6/29/05

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Sample Identification	Lab Number	Collection Date

These results relate only to the items tested.
This report shall not be reproduced except in full and with permission of the laboratory.

Report Approved By: Roxanne L. Connor Report Date: 7/12/05

Johnny A. Mitchell, Laboratory Director
Michael H. Dunn, M.S., Technical Director
Pamela A. Langford, Senior Project Manager
Eric S. Smith, QA/QC Director
Sandra McMillin, Technical Services
Gail A. Lage, Senior Project Manager
Glenn L. Norton, Technical Services
Kelly S. Comstock, Technical Services
Roxanne L. Connor, Senior Project Manag

Laboratory Certification Number: 00323

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ANALYTICAL REPORT

EARTH ENVIRONMENTAL CONSULTANT 8487
STEVE WOODYARD
375 FRANKLIN STREET
ROCKY MOUNT, VA 24151

Project: FCLF1051
Project Name: FRANKLIN CO. LANDFILL
Sampler: TREV GREENE

Lab Number: 05-A95308
Sample ID: SW-1
Sample Type: Water
Site ID:

Date Collected: 6/29/05
Time Collected: 16:00
Date Received: 7/ 1/05
Time Received: 7:50
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
BOD Set Up					7/ 1/05	22:45			
BOD 5 Day	6.20	mg/l	10.0	5	7/ 6/05	20:50	J. Hill	405.1	3074
EXTRACTABLE ORGANICS									
Benzoic Acid	ND	ug/l	10.0	1	7/ 8/05	19:50	U. Burroug	625	7617
3 and 4-Methylphenol	ND	ug/l	10.0	1	7/ 8/05	19:50	U. Burroug	625	7617
Phenol	ND	ug/l	10.0	1	7/ 8/05	19:50	U. Burroug	625	7617
METALS									
Zinc	820.	ug/l	500.	10	7/ 6/05	20:10	K. Ahmed	200.7	3737
MISCELLANEOUS CHEMISTRY									
Ammonia Nitrogen as N	0.550	mg/l	0.100	1	7/ 8/05	10:25	K.Saiyasak	350.1M	7835
Total Suspended Solids	19800	mg/l	100.	100	7/ 1/05	17:00	J. Hill	160.2	3284
MISCELLANEOUS CHEMISTRY									
pH	6.8	pH Units		1	7/ 7/05	12:50	S. Waldron	9040/150.1	371

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 05-A95308
Sample ID: SW-1
Project: FCLF1051

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BNA's	1000 ml	1.0 ml	7/ 6/05		J. Davis	3510/625

Surrogate	% Recovery	Target Range
BNA Surr-Nitrobenzene-d5	88.	31. - 112.
BNA Surr-2-Fluorobiphenyl	80.	33. - 101.
BNA Surr-Terphenyl-d14	96.	31. - 111.
BNA Surr-Phenol-d5	36.	10. - 48.
BNA Surr-2-Fluorophenol	53.	10. - 64.
BNA Surr-2,4,6-Tribromophenol	78.	32. - 118.

LABORATORY COMMENTS:
ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.
M = Method 350.1 modified for manual distillation with Lachat procedure.
Sample was received at 10.2 degrees Celsius.
Alpha Terpineol was non-detect at <10ug/ml. The extraction blank also non-detect at <10ug/ml. The recovery for alpha-terpineol in the LCS was 120%.

End of Sample Report.

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PROJECT QUALITY CONTROL DATA
Project Number: FCLF1051
Project Name: FRANKLIN CO. LANDFILL
Page: 1
Laboratory Receipt Date: 7/ 1/05

Matrix Spike Recovery

Note: If Blank is referenced as the sample spiked, insufficient volume was received for the defined analytical batch for MS/MSD analysis on an true sample matrix. Laboratory reagent water was used for QC purposes.

Analyte	units	Orig. Val.	MS Val	Spike Conc	Recovery	Target Range	Q.C. Batch	Spike Sampl
BNA Surr-Nitrobenzene-d5	% Rec				0	31 - 112	7617	
BNA Surr-2-Fluorobiphenyl	% Rec				0	33 - 101	7617	
BNA Surr-Terphenyl-d14	% Rec				0	31 - 111	7617	
BNA Surr-Phenol-d5	% Rec				4	10 - 48	7617	
BNA Surr-2-Fluorophenol	% Rec				0	10 - 54	7617	
BNA Surr-2,4,6-Tribromopheno	% Rec				0	32 - 118	7617	
METALS								
Zinc	mg/l	< 0.0500	0.532	0.500	106	70. - 130.	3737	'95886
MISC PARAMETERS								
Ammonia Nitrogen as N	mg/l	< 0.100	5.01	5.00	100	90. - 110.	7835	05-A95233

Matrix Spike Duplicate

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch
BNA Surr-Nitrobenzene-d5	% Rec		90.			7617
BNA Surr-2-Fluorobiphenyl	% Rec		72.			7617
BNA Surr-Terphenyl-d14	% Rec		96.			7617
BNA Surr-Phenol-d5	% Rec		37.			7617
BNA Surr-2-Fluorophenol	% Rec		47.			7617
BNA Surr-2,4,6-Tribromophenol	% Rec		70.			7617

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
Project Number: FCLF1051
Project Name: FRANKLIN CO. LANDFILL
Page: 2
Laboratory Receipt Date: 7/ 1/05

METALS						
Zinc	mg/l	0.532	0.530	0.38	20	3737

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
EXTRACTABLE PARAMETERS						
Benzoic Acid	mg/l	0.0500	0.00560	11 #	15 - 50	7617
3 and 4-Methylphenol	mg/l	0.0500	0.0360	72	10 - 100	7617
Phenol	mg/l	0.0500	0.0190	38	16 - 50	7617
BNA Surr-Nitrobenzene-d5	% Rec			86	31 - 112	7617
BNA Surr-2-Fluorobiphenyl	% Rec			72	33 - 101	7617
BNA Surr-Terphenyl-d14	% Rec			98	31 - 111	7617
BNA Surr-Phenol-d5	% Rec			37	10 - 48	7617
BNA Surr-2-Fluorophenol	% Rec			53	10 - 64	7617
BNA Surr-2,4,6-Tribromophenol	% Rec			67	32 - 118	7617
METALS						
Zinc	mg/l	0.500	0.514	103	85 - 115	3737
MISC PARAMETERS						
BOD 5 Day	mg/l	198.	199.	101	85 - 115	3074
Ammonia Nitrogen as N	mg/l	5.00	5.04	101	90 - 110	7835
Total Suspended Solids	mg/l	100.	97.0	97	81 - 119	3284
Total Suspended Solids	mg/l	100.	93.0	93	81 - 119	3284

Duplicates

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch	Sample Dup'd
pH	pH Units	7.7	7.6	1.31	15.	3781	05-A95684

Project QC continued . . .

TestAmerica
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PROJECT QUALITY CONTROL DATA
Project Number: FCLF1051
Project Name: FRANKLIN CO. LANDFILL
Page: 3
Laboratory Receipt Date: 7/ 1/05

Duplicates

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch	Sample Dup'd
BOD 5 Day	mg/l	16.1	14.3	11.84	15.	3074	05-A95174
BOD 5 Day	mg/l	19.0	23.8	22.43 #	15.	3074	05-A95474
Ammonia Nitrogen as N	mg/l	< 0.100	< 0.100	N/A	15.	7835	05-A96626
Total Suspended Solids	mg/l	44.0	44.8	1.80	15.	3284	05-A95229
Total Suspended Solids	mg/l	10.0	9.6	4.08	15.	3284	05-A95668

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Date Analyzed	Time Analyzed
EXTRACTABLE PARAMETERS					
Benzoic Acid	< 0.00060	mg/l	7617	7/ 8/05	18:34
3 and 4-Methylphenol	< 0.00170	mg/l	7617	7/ 8/05	18:34
Phenol	< 0.00100	mg/l	7617	7/ 8/05	18:34
BNA Surr-Nitrobenzene-d5	84.	% Rec	7617	7/ 8/05	18:34
BNA Surr-2-Fluorobiphenyl	67.	% Rec	7617	7/ 8/05	18:34
BNA Surr-Terphenyl-d14	101.	% Rec	7617	7/ 8/05	18:34
BNA Surr-Phenol-d5	35.	% Rec	7617	7/ 8/05	18:34
BNA Surr-2-Fluorophenol	52.	% Rec	7617	7/ 8/05	18:34
BNA Surr-2,4,6-Tribromophenol	54.	% Rec	7617	7/ 8/05	18:34
METALS					
Zinc	0.0060	mg/l	3737	7/ 6/05	20:10
MISC PARAMETERS					
BOD 5 Day	< 2.00	mg/l	3074	7/ 6/05	20:50
Ammonia Nitrogen as N	< 0.100	mg/l	7835	7/ 8/05	10:25
Total Suspended Solids	< 1.0	mg/l	3284	7/ 1/05	17:00
Total Suspended Solids	< 1.0	mg/l	3284	7/ 1/05	17:00

Project QC continued . . .

TestAmerica
ANALYTICAL TESTING CORPORATION

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PROJECT QUALITY CONTROL DATA
Project Number: FCLF1051
Project Name: FRANKLIN CO. LANDFILL
Page: 4
Laboratory Receipt Date: 7/ 1/05

End of Report for Project 421511

TestAmerica
ANALYTICAL TESTING CORPORATION

2960 Foster Creighton Drive • Nashville, TN 37204
800-765-0980 • 615-726-3404 Fax

Client Name/Account #: Earth Environmental Consultants / Client #:8487
Address: 375 Franklin St, Rocky Mount, Virginia 24151
Project Manager: Steve Woodyard
Telephone Number: 540-483-5975 (Fax) 540-483-2221 (Email) swoodyard@earthenv.com
Sampler Name: (Print) TREY GREENE
Sampler Signature:

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?
Compliance Monitoring? (Yes) No Enforcement Action? Yes (No)
Report To: STEVE WOODYARD
Invoice To:
TA Quote #: 090804116199
Project ID: ~~FCLF 1051~~ FRANKLIN CO. LANDFILL
Project #: FCLF1051

421511

Sample ID / Description	Date Sampled	Time Sampled	No. of Containers Shipp	Grab	Composite	Field Filtered	Preservative: Ice	HNO3 (Red Label)	HCl (Blue Label)	NaOH (Orange Label)	H_2SO_4 Plastic (Yellow Label)	H_2SO_4 Glass (Yellow Label)	None (Black Label)	Other (Specify)	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify):	Analyze For: BOD 5	TSS	Ammonia (as N)	Alpha Terpineol	Benzoic Acid	p-Cresol	Phenol	Total Zinc	pH			RUSH TAT Pre-Schedule	Standard TAT	Fax Results	Send QC with report
SW1 95308	6/29/05	1600	9	✓		N	✓	1			1		7	■						✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				✓	✓	✓

Special Instructions:

Method of Shipment: FEDEX

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	6/30/05	1500			
Relinquished by:	**Date**	**Time**	**Received by TestAmerica:**	**Date**	**Time**
			[signature]	7/1/05	7:50

Laboratory Comments:
Temperature Upon Receipt: 10.2
VOCs Free of Headspace? Y N

TestAmerica INCORPORATED

Sample NonConformance/COC Revision Form

Initiated by:	mbeasley	**Phone:**	5404835975	NC Closed	☑
Client Name:	EARTH ENVIRON	**Sample Range:**	95308	Date Closed	7/5/2005
Client Contact:	STEVE WOODYA	**SDG:**	421511		
Client Account:	8487	**Analyst:**	5		
Date Created:	7/1/2005	**Supervisor:**	Paul Buckingham		
NC #:	95308	**NC Type:**	NC Analytical 1		
Project Name:	Franklin Co Landfill	**Terminal Manager:**			
Project Number:	FCLF1051				
Project Origin	VA				
Regulatory :					

Process: Out of Holding Time-List Analysis — **Corrected By:** Jennifer Gambill
Action: Corrected action not chosen — **Closed:** ☑ jgambill

Process: Verify analysis/method/compound requested — **Corrected By:** Jennifer Gambill
Action: Corrected action not chosen — **Closed:** ☑ jgambill

Process: Temperature outside Method Allowance- Run or Do Not Run? — **Corrected By:** Jennifer Gambill
Action: Corrected action not chosen — **Closed:** ☑ jgambill

WL-3074
Bod - cancel

Comments:

Comment added by: mmcbride on 7/5/2005 5:26:02 PM
NC closed with out comments

****

Comment added by: jgambill on 7/5/2005 2:49:17 PM
Please run everything but the BOD analysis.

****

Comment added by: jgambill on 7/5/2005 2:48:32 PM
Do not run the BOD.

****

Comment added by: jgambill on 7/1/2005 1:38:08 PM
Please run the Alpha terpineol with the other SVOC's.

****

1) 10.2 C- not enough ice
2) BOD will not be set up within holding time
3) alpha terpineol- is this a subout?

ENGINEERING, INC.

Waste Industry Experts

Joyce Engineering, Inc
1604 Ownby Lane
Richmond, VA 23220

tel: 804/355-4520
fax: 804/355-4282

www.JoyceEngineering.com

FILE COPY

March 3, 2004

Mr. Gary Phillips
Virginia Department of Environmental Quality
West Central Regional Office
3019 Peters Creek Road
Roanoke, Virginia 24019

RECEIVED
DEQ - WCRO

Re: Franklin County Sanitary Landfill
VPDES General Permit No. VAR520229
Storm Water Analytical Sampling Results
JEI Project No. 459.00 Task 01 Subfolder 02

Dear Gary:

Attached are the analytical results of a storm water sampling event performed at the Franklin County Sanitary Landfill on November 24, 2003. The facility's Virginia Pollutant Discharge Elimination System (VPDES) Permit No. VAR520229 requires that semi-annual monitoring events be performed between July 1, 2002, and December 31, 2002, as well as between January 1, 2003, and June 30, 2003. However, due to the extreme drought conditions in 2002 and wet conditions in the first portion of 2003, a sample could not be collected during normal operating hours prior to September 8, 2003. Thus, the attached results are submitted in place of the semi-annual event required by the permit for the time period of January 1, 2003, through June 30, 2003.

Also, please note that the Department waived the required total suspended solids sampling requirements based on the low concentration waiver allowed by the permit.

We apologize for the delay in submitting these results to you. If you have any questions or comments, please feel free to give me a call at 804-355-4520.

Sincerely,
JOYCE ENGINEERING, INC.

Rebeccah P. Ward

Rebeccah P. Ward, P.E.
Senior Project Engineer

Attachment

cc: Bonnie Newlon Johnson, Franklin County (w/attachment)
Barry Sink, Franklin County (w/attachment)
Ronald Woodyard, Earth Environmental (w/o attachment)
Rachel Kirkman, Joyce Engineering, Inc. (w/attachment)

F:\Franklin\VPDES Sampling Results - December 2003 - Gary Phillips.doc

EARTH ENVIRONMENTAL CONSULTANTS, INC.

RECEIVED
DEQ - WCRO

Mr. Barry Sink
Landfill Director
Franklin County Landfill
40 East Court Street
Rocky Mount, VA 24151

December 19, 2003

RE: Earth Env. Project #FCLF1048
VPDES Permit No. VAR520229, VPDES Storm Water General Permit Coverage for Franklin County Sanitary Landfill, 9340 Virgil H. Goode Highway, Rocky Mount, VA

Dear Mr. Sink:

In accordance with the Franklin County Landfill's VPDES Permit No. VAR520229, a semi-annual storm water monitoring event was scheduled to be conducted between January 1, 2003 and June 30, 2003. Due to wetter than normal conditions in spring and summer 2003, the first rain event that occurred during a time period when Earth Env. was available to sample during normal landfill operational hours was on November 24, 2003. The rainfall event started at approximately 2:15 p.m. and the sampling occurred at approximately 2:32 p.m. The storm ended at approximately 5:30 p.m. and the rainfall amount for this storm event measured 0.40 inches. The duration between the storm event sampled and the end of the previous measurable storm event was 5 days, 3.75 hours.

The sample was collected at the outlet of the drainage culvert from the sediment basin. The drainage area towards this point is approximately 73 acres per Shawn Farrow of Joyce Engineering, Inc. The rainfall event of 0.40 inches produced approximately 29,200 gallons of discharge from this sample point.

A copy of the laboratory test results for the November 24, 2003 sampling event is enclosed along with the signed Discharge Monitoring Report (DMR). This is the last scheduled event listed on the current DMR. The Department of Environmental Quality will need to determine when the next storm water sampling event should take place.

If you have questions about this sampling event, please do not hesitate to call. We appreciate the opportunity to have worked with you on this project and look forward to continuing to serve Franklin County in the future.

Sincerely,

Ronald S. Woodyard
Geologist

RSW/ym

enclosures

375 Franklin Street ◆ Rocky Mount, VA 24151

540-483-5975 ◆ 888-663-9719 ◆ Fax: 540-483-2221 ◆ earth@earthenv.com

NOTE:

RECEIVED DEQ WCRO

READ PERMIT AND GENERAL INSTRUCTIONS BEFORE COMPLETING FORM.

DEPT. OF ENVIRONMENTAL QUALITY
West Central Regional Office
3019 Peters Creek Road
Roanoke, Virginia 24019
(540) 562-6700

VIRGINIA POLLUTANT DISCHARGE ELIMINATION SYSTEM (VPDES) DISCHARGE MONITORING REPORT (DMR)

TYPE: **STORM WATER**
Landfills

520229	1
PERMIT NUMBER	OUTFALL NO.

PERMITTEE NAME: Bonnie Newton

FACILITY NAME: Franklin County Landfill

ADDRESS: 9340 Virgil H. Goode Highway
Rocky Mount, VA 24151

CONTACT PERSON: STEVE WOODYARD TELEPHONE: 540-483-5975

Check One	MONITORING PERIOD YEAR	MO	DAY	TO	YEAR	MO	DAY
	2000	July	1		2000	Dec.	31
	2001	Jan.	1		2001	June	30
	2002	July	1		2002	Dec.	31
✓	2003	Jan.	1		2003	June	30

STORM EVENT INFORMATION			
DATE	YR.	MO	DAY
	03	11	24
DURATION	HRS	MIN	
	3	15	
PRECIP. AMOUNT (IN.)	0.40		
RUNOFF VOL. (GAL)	29,200		
PRECEDING EVENT	DAYS	HRS	
	5	3.75	

PARAMETER		CONCENTRATION MINIMUM	AVERAGE	MAXIMUM	UNITS	NO. EX.	Monitoring Waived
004 TOTAL SUS. SOLIDS	REPORTED	******	******	N/A	N/A		
	MONITORING CUT OFF	******	******	.100	MG/L		(Y)Yes or (N)No
361 TOTAL Recoverable Iron	REPORTED	******	******	N/A	mg/L		
	MONITORING CUT OFF	******	******	1	mg/l		(Y)Yes or (N)No

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 U. S. C. § 1001 and 33 U. S. C. § 1319. (Penalties under these statutes may include fines up to $10,000 and or maximum imprisonment of between 6 months and five years.)

PRINCIPLE EXECUTIVE OFFICER OR AUTHORIZED AGENT	
Barry Sivls	Barry Sivls
TYPED OR PRINTED NAME	SIGNATURE

DATE		
YR.	MO	DAY
03	12	15

Environmental Conservation Laboratories, Inc.
1015 Passport Way
Cary, North Carolina 27513-2042
919 / 677-1669
Fax 919 / 677-9846
www.encolabs.com

ENCO Laboratories

CLIENT : Earth Environmental Consultants
ADDRESS: 375 Franklin Street
Rocky Mount, VA 24151

REPORT # : CRY15000
DATE SUBMITTED: November 25, 2003
DATE REPORTED : December 3, 2003

ATTENTION: Mr. Steve Woodyard

SAMPLE IDENTIFICATION

Samples submitted and
identified by client as:

REFERENCE: FCLF1048

Franklin County Landfill

11/24/03

CRY15000-1 : STORM WATER @ 14:32

Unless otherwise noted in an attached project narrative, all samples were received in acceptable condition and processed in accordance with the referenced methods/procedures. This data has been produced in accordance with NELAC Standards (July, 1999). This report shall not be reproduced except in full, without the written approval of the laboratory. Results for these procedures apply only to the samples as submitted.

PROJECT MANAGER _____
Chuck Smith

ENCO LABORATORIES
REPORT # : CRY15000
DATE REPORTED: December 3, 2003
REFERENCE : FCLF1048
PROJECT NAME : Franklin County

RESULTS OF ANALYSIS

TOTAL METALS	METHOD	STORM WATER	LAB BLANK	Units
Iron	6010	14	0.050 U	mg/L
Date Analyzed		12/02/03 15:31	12/02/03 14:46	

U Compound was analyzed for but not detected to the level shown.

LABORATORY CERTIFICATIONS

Laboratory Certification: NELAC: E87610

All analyses reported with this project were analyzed by the facility indicated unless identified below.

ENCO LABORATORIES
REPORT # : CRY15000
DATE REPORTED: December 3, 2003
REFERENCE : FCLF1048
PROJECT NAME : Franklin County

QUALITY CONTROL DATA

Parameter	% RECOVERY MS/MSD/LCS	ACCEPT LIMITS	% RPD MS/MSD	ACCEPT LIMITS
TOTAL METALS				
Iron, 6010	97/ 98/ 95	48-144	1	23

< = Less Than
MS = Matrix Spike
MSD = Matrix Spike Duplicate
LCS = Laboratory Control Standard
RPD = Relative Percent Difference

C RF # P11947

ENVIR IMENTAL CONSERVATION LABORATORIES

4810 Executive Park Court, Suite 211
Jacksonville, Florida 32216-6069
Ph. (904) 296-3007 • Fax (904) 296-6210

10207 General Drive
Orlando, Florida 32824-8529
Ph. (407) 826-5314 • Fax (407) 850-6945

1015 Passport Way
Cary, North Carolina 27513
Ph. (919) 677-1669 • Fax (919) 677-9846

ENCO CompQAP No.: 960038G/0

CHAIN OF CUSTODY RECORD

PROJECT REFERENCE: Franklin County Landfill
PROJECT NO.: FCLF1048
P.O. NUMBER:
PAGE 1 OF 1
PROJECT LOC. (State): VA
SAMPLER(s) NAME:
PHONE: (540)-483-5975
FAX: 0-
CLIENT NAME: Earth Environmental Consultants
CLIENT PROJECT MANAGER: Mr. Steve Woodyard
CLIENT ADDRESS (CITY, STATE, ZIP): 375 Franklin Street Rocky Mount, VA 24151

☑ STANDARD REPORT DELIVERY
☐ EXPEDITED REPORT DELIVERY (surcharge)
Date Due:

MATRIX TYPE: SURFACE WATER, GROUND WATER, WASTEWATER, DRINKING WATER, SOIL/SOLID/SEDIMENT, NONAQUEOUS LIQUID (oil, solvent, etc.), AIR, SLUDGE, OTHER

REQUIRED ANALYSIS: FE-AP-VA

PRESERVATIVE

STATION	DATE	TIME	GRAB	COMP	SAMPLE IDENTIFICATION	SURFACE WATER	GROUND WATER	WASTEWATER	DRINKING WATER	SOIL/SOLID/SEDIMENT	NONAQUEOUS LIQUID	AIR	SLUDGE	OTHER	FE-AP-VA	NUMBER OF CONTAINERS SUBMITTED	REMARKS
1	11-24-03	1432	✓		STORM WATER	✓	*								1		
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	
11																	
12																	
13																	
14																	

SAMPLE KIT PREPARED BY:	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
☐ JACKSONVILLE ☐ ORLANDO			[signature]	11-24-03	1500			
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
RECEIVED BY (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	ENCO LOG NO.	REMARKS
☐ Jacksonville ☒ Orlando [signature]	11/25/03	10:23	☒ YES ☐ NO	CRY 15000	

ENGINEERING, INC

Waste Industry Experts

Joyce Engineering, Inc
4808 Radford Ave
Richmond, VA 23230

tel: 804/355-4520
fax: 804/355-4282

www.JoyceEngineering.com

FILE COPY

October 9, 2003

Mr. Gary Phillips
Virginia Department of Environmental Quality
West Central Regional Office
3019 Peters Creek Road
Roanoke, Virginia 24019

Re: Franklin County Sanitary Landfill
VPDES General Permit No. VAR520229
Storm Water Analytical Sampling Results
JEI Project No. 459.00 Task 01 Subfolder 02

Dear Gary:

Attached are the analytical results of a storm water sampling event performed at the Franklin County Sanitary Landfill on September 8, 2003. The facility's Virginia Pollutant Discharge Elimination System (VPDES) Permit No. VAR520229 requires that semi-annual monitoring events be performed between July 1, 2002, and December 31, 2002, as well as between January 1, 2003, and June 30, 2003. However, due to the extreme drought conditions in 2002 and wet conditions in the first portion of 2003, a sample could not be collected during normal operating hours prior to September 8, 2003. Thus, the attached results are submitted in place of the semi-annual event required by the permit for the time-period of July 1, 2002, through December 31, 2002.

Another sampling event will be performed during the next available qualifying storm event in place of the event required by the permit for the time-period of January 1, 2003, through June 30, 2003. Also, please note that the Department waived the required total suspended solids sampling requirements based on the low concentration waiver allowed by the permit.

If you have any questions or comments, please feel free to give me a call at 804-355-4520.

Sincerely,
JOYCE ENGINEERING, INC.

Rebecca P. Ward

Rebeccah P. Ward, P.E.
Project Engineer

Attachment

cc: Bonnie Newlon Johnson, Franklin County (w/attachment)
Barry Sink, Franklin County (w/attachment)
Ronald Woodyard, Earth Environmental (w/o attachment)
Rachel Kirkman, Joyce Engineering, Inc. (w/attachment)

P:\Franklin\VPDES Sampling Results - Gary Phillips.doc

EARTH ENVIRONMENTAL CONSULTANTS, INC.

Mr. Barry Sink
Landfill Director
Franklin County Landfill
40 East Court Street
Rocky Mount, VA 24151

September 25, 2003

RE: Earth Env. Project #FCLF1043
VPDES Permit No. VAR520229, VPDES Storm Water General Permit Coverage for Franklin County Sanitary Landfill, 9340 Virgil H. Goode Highway, Rocky Mount, VA

Dear Mr. Sink:

In accordance with the Franklin County Landfill's VPDES Permit No. VAR520229, a semi-annual storm water monitoring event was scheduled to be conducted between July 1, 2002 and December 31, 2002. Due to extreme drought conditions in 2002 and wetter than normal conditions in 2003, the first rain event that occurred during a time period when Earth Env. was available to sample during normal landfill operational hours was on September 8, 2003. The rainfall event started at approximately 0930 a.m. and the sampling occurred at approximately 0945 a.m. The storm ended at approximately 1030 a.m. and the rainfall amount for this storm event measured 0.10 inches. The duration between the storm event sampled and the end of the previous measurable storm event was 4 days, 7 hours.

The sample was collected at the outlet of the drainage culvert from the sediment basin. The drainage area towards this point is approximately 73 acres per Shawn Farrow of Joyce Engineering, Inc. The rainfall event of 0.10 inches produced approximately 7,350 gallons of discharge from this sample point.

A copy of the laboratory test results for the September 8, 2003 sampling event is enclosed along with the signed Discharge Monitoring Report.

Earth Env. will collect a sample to cover the time period of January 1, 2003 through June 30, 2003 as required by the VPDES Permit during the next available qualifying rainfall event.

If you have questions about this sampling event, please do not hesitate to call. We appreciate the opportunity to have worked with you on this project and look forward to continuing to serve Franklin County in the future.

Sincerely,

Ronald S. Woodyard
Geologist

RSW/ym

enclosures

375 Franklin Street ◆ Rocky Mount, VA 24151

540-483-5975 ◆ 888-663-9719 ◆ Fax: 540-483-2221 ◆ earth@earthenv.com

Environmental Conservation Laboratories, Inc.
1015 Passport Way
Cary, North Carolina 27513-2042
919 / 677-1669
Fax 919 / 677-9846
www.encolabs.com

ENCO Laboratories

CLIENT : Earth Environmental Consultants
ADDRESS: 375 Franklin Street
Rocky Mount, VA 24151

REPORT # : CRY14563
DATE SUBMITTED: September 9, 2003
DATE REPORTED : September 12, 2003

ATTENTION: Mr. Steve Woodyard

SAMPLE IDENTIFICATION

Samples submitted and
identified by client as:

REFERENCE: FCLF1043

Franklin County Landfill

09/08/03

CRY14563-1 : STORMWATER

Unless otherwise noted in an attached project narrative, all samples were received in acceptable condition and processed in accordance with the referenced methods/procedures. This data has been produced in accordance with NELAC Standards (July, 1999). This report shall not be reproduced except in full, without the written approval of the laboratory. Results for these procedures apply only to the samples as submitted.

Note: Data within this document has been reported to the laboratory Method Detection Limit (MDL). Where positive results are obtained at levels below the lowest calibration standard, an appropriate qualifier has been assigned.

PROJECT MANAGER Amy R. Harris
Amy R. Harris

ENCO LABORATORIES
REPORT # : CRY14563
DATE REPORTED: September 12, 2003
REFERENCE : FCLF1043
PROJECT NAME : Franklin County Landfill

RESULTS OF ANALYSIS

TOTAL METALS	METHOD	STORMWATER	LAB BLANK	Units
Iron	200.7	4.1	.02 U	mg/L
Date Analyzed		09/11/03 17:07	09/11/03 16:47	

U - Compound was analyzed for but not detected to the level shown.

LABORATORY CERTIFICATIONS

Laboratory Certification: NELAC: E87610

All analyses reported with this project were analyzed by the facility indicated unless identified below.

ENCO LABORATORIES
REPORT # : CRY14563
DATE REPORTED: September 12, 2003
REFERENCE : FCLF1043
PROJECT NAME : Franklin County Landfill

QUALITY CONTROL DATA

Parameter	% RECOVERY MS/MSD/LCS	ACCEPT LIMITS	% RPD MS/MSD	ACCEPT LIMITS
TOTAL METALS				
Iron, 200.7	72/ 87/101	48-144	19	23

< = Less Than
MS = Matrix Spike
MSD = Matrix Spike Duplicate
LCS = Laboratory Control Standard
RPD = Relative Percent Difference

COARF # P11513

ENVIRONMENTAL CONSERVATION LABORATORIES

4810 Executive Park Court, Suite 211
Jacksonville, Florida 32216-6069
Ph. (904) 296-3007 • Fax (904) 296-6210

10207 General Drive
Orlando, Florida 32824-8529
Ph. (407) 826-5314 • Fax (407) 850-6945

1015 Passport Way
Cary, North Carolina 27513
Ph. (919) 677-1669 • Fax (919) 677-9846

ENCO CompQAP No.: 960038G/0

CHAIN OF CUSTODY RECORD

PROJECT REFERENCE	PROJECT NO.	P.O. NUMBER	PAGE 1 OF 1
Franklin County Landfill	FCLF1043		

PROJECT LOC. (State)	SAMPLER(s) NAME	PHONE	FAX
VA	James Edwards	(540)-483-5975	540-483-2221

CLIENT NAME	CLIENT PROJECT MANAGER
Earth Environmental Consultants	Mr. Steve Woodyard

CLIENT ADDRESS (CITY, STATE, ZIP): 375 Franklin Street Rocky Mount, VA 24151

☑ STANDARD REPORT DELIVERY
☐ EXPEDITED REPORT DELIVERY (surcharge)
Date Due: _____

MATRIX TYPE: SURFACE WATER, GROUND WATER, WASTEWATER, DRINKING WATER, SOIL/SOLID/SEDIMENT, NONAQUEOUS LIQUID (oil, solvent, etc.), AIR, SLUDGE, OTHER

REQUIRED ANALYSIS: FE200.7

PRESERVATIVE

SAMPLE STATION	DATE	TIME	GRAB	COMP	SAMPLE IDENTIFICATION	SURFACE WATER	GROUND WATER	WASTEWATER	DRINKING WATER	SOIL/SOLID/SEDIMENT	NONAQUEOUS LIQUID	AIR	SLUDGE	OTHER	FE200.7	NUMBER OF CONTAINERS SUBMITTED	REMARKS
1	9-8-03	9:45	✓		STORMWATER	X	●									1	
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	
11																	
12																	
13																	
14																	

SAMPLE KIT PREPARED BY:	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
☐ JACKSONVILLE ☐ ORLANDO	12/19/02	16:00						
RELINQUISHED BY: (SIGNATURE)	9/8/03	10:00	RECEIVED BY: (SIGNATURE)			RELINQUISHED BY: (SIGNATURE)		
RECEIVED BY (SIGNATURE)			RELINQUISHED BY: (SIGNATURE)			RECEIVED BY: (SIGNATURE)		

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	ENCO LOG NO.	REMARKS
☐ Jacksonville ☐ Orlando	9/9/03	11:06	☒ YES ☐ NO	CRY M563	

NOTE:

READ PERMIT AND GENERAL INSTRUCTIONS
BEFORE COMPLETING FORM

DEPT. OF ENVIRONMENTAL QUALITY
West Central Regional Office
3019 Peters Creek Road
Roanoke, Virginia 24019
(540) 562-6700

VIRGINIA POLLUTANT DISCHARGE ELIMINATION SYSTEM (VPDES)
DISCHARGE MONITORING REPORT (DMR)

TYPE: **STORM WATER**
Landfills

520229	1
PERMIT NUMBER	OUTFALL NO.

PERMITTEE NAME Bonnie Newlon

FACILITY NAME Franklin County Landfill

ADDRESS: 9340 Virgil H. Goode Highway

Rocky Mount, VA 24151

Check One	MONITORING PERIOD						
	YEAR	MO	DAY	TO	YEAR	MO	DAY
	2000	July	1		2000	Dec.	31
	2001	Jan.	1		2001	June	30
✓	2002	July	1		2002	Dec.	31
	2003	Jan.	1		2003	June	30

CONTACT PERSON STEVE WOODYARD TELEPHONE 540-483-5975

PARAMETER		CONCENTRATION				NO. EX.	Monitoring Waived
		MINIMUM	AVERAGE	MAXIMUM	UNITS		
004 TOTAL SUS. SOLIDS	REPORTED	******	******	N/A	N/A		
	MONITORING CUT OFF	******	******	.100	MG/L		(Y)Yes or (N)No
361 TOTAL Recoverable Iron	REPORTED	******	******	4.1	mg/L		
	MONITORING CUT OFF	******	******	1	mg/l		(Y)Yes or (N)No

STORM EVENT INFORMATION			
DATE	YR.	MO	DAY
	03	09	08
DURATION	HRS	MIN	
	1	0	
PRECIP. AMOUNT (IN.)	0.10		
RUNOFF VOL. (GAL.)	7,350		
PRECEDING EVENT	DAYS	HRS	
	4	7	

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief, true accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 U. S. C. § 1001 and 33 U. S. C. § 1319. (Penalties under these statutes may include fines up to $10,000 and or maximum imprisonment of between 6 months and five years.)

PRINCIPLE EXECUTIVE OFFICER OR AUTHORIZED AGENT	
BARRY SINK	Barry Sink
TYPED OR PRINTED NAME	SIGNATURE

DATE		
YR.	MO	DAY
03	09	25

JOYCE
ENGINEERING, INC.

FILE COPY

PROJECT# 459 TASK# 01

Subfolder # 2

Waste Industry Experts

Joyce Engineering, Inc
4808 Radford Ave
Richmond, VA 23230

tel: 804/355-4520
fax: 804/355-4282

www.JoyceEngineering.com

November 9, 2001

Robbie Williams
Environmental Engineer Senior
DEQ – WCRO
3019 Peters Creek Road
Roanoke VA 24019

RE: Franklin County Landfill
VPDES General Permit #VAR520229
JEI Project No.: 459.00 Task 01

Dear Mr. Williams:

Attached to this letter are the analytical results of a stormwater sampling event performed at the Franklin County Landfill on September 10, 2001. In accordance with the requirements set forth in the facility's VPDES Permit VAR520229, stormwater sampling events had been previously performed on November 9, 2000 and April 13, 2001, representing the second six months of 2000 and the first six months of 2001, respectively. However, as previously documented to your office, the November 2000 results contained several problems including analytical results for the constituents listed in the old permit (VAR320159.) The most recent sampling event was performed in order to provide additional data regarding the amount of iron and total suspended solids present in the stormwater discharges from the site.

Since the average result of total suspended solids was below reporting requirements for the April 13, 2001 and September 10, 2001 events, we request that the fourth year monitoring requirements for total suspended solids be waived, pursuant to Part I, Section C of the permit. Since the average result of total recoverable iron was above reporting requirements for the April 13, 2001 and September 10, 2001 events, the County is currently in the process of reviewing on-site operations to determine and minimize any potential sources of iron.

The next monitoring period will be between July 1, 2002 and December 31, 2002. At that time, Outfall 001 will again be sampled in accordance with the facility's Stormwater Pollution Prevention Plan and VPDES permit VAR520229, modified by your response to our waiver request contained above. If you have any questions or comments, please do not hesitate to contact Rebeccah Ward at this office at 804-355-4520.

Sincerely,
JOYCE ENGINEERING, INC.

Samuel C. Nicolai, P.E.
Project Engineer

Attachment
c: Barry Sink, Franklin County
Bonnie Johnson, Franklin County
Ronald S. Woodyard, Earth Environmental (w/o attachment)
Rebeccah Ward, Joyce Engineering, Inc.
P:\Franklin\SWPPP\VPDES letter 11-9-01.doc

JOYCE
ENGINEERING, INC.

EARTH ENVIRONMENTAL
CONSULTANTS, INC.

Mr. Barry Sink
Landfill Director
Franklin County Landfill
40 East Court Street
Rocky Mount, VA 24151

October 19, 2001

RE: Earth Env. Project #FCLF1039
VPDES Permit No. VAR520229, VPDES Storm Water General Permit Coverage for Franklin County Sanitary Landfill (9340 Virgil H. Goode Highway, Rocky Mount, VA)

Dear Mr. Sink:

The semi-annual storm water monitoring for Franklin County Landfill was conducted on September 10, 2001 in accordance with VPDES Permit No. VAR520229. This is the second of two planned events for the time period January 1, 2001 through June 30, 2001. The rainfall event started at approximately 2:45 p.m. on September 10, 2001 and the sampling occurred at approximately 3:05 p.m. The storm ended at approximately 5:15 p.m. and the rainfall amount for this storm event measured 0.36 inches. The duration between the storm event sampled and the end of the previous measurable storm event was 9 days, 11 hours.

The sample was collected at the outlet of the drainage culvert from the sediment basin. The drainage area towards this point is approximately 73 acres per Shawn Farrow of Joyce Engineering, Inc. The rainfall event of 0.36 inches produced approximately 22,270 gallons of discharge from this sample point.

A copy of the laboratory test results for the September 10, 2001 sampling event is enclosed along with the signed Discharge Monitoring Report.

If you have questions about this sampling event, please do not hesitate to call. We appreciate the opportunity to have worked with you on this project and look forward to continuing to serve Franklin County in the future.

Sincerely,

Ronald S. Woodyard
Geologist

RSW/ym

enclosures

375 Franklin Street ◆ Rocky Mount, VA 24151
540-483-5975 ◆ 888-663-9719 ◆ Fax: 540-483-2221 ◆ earth@cablenet-va.com

Environmental Conservation Laboratories, Inc.
10207 General Drive
Orlando, Florida 32824-8529
07 / 826-5314
ax 407 / 850-6945
www.encolabs.com

ENCO Laboratories

DHRS Certification No. E83182

CLIENT : Earth Environmental Consultants
ADDRESS: 375 Franklin Street
Rocky Mount, VA 24151

REPORT # : ORL17633
DATE SUBMITTED: September 14, 2001
DATE REPORTED : September 21, 2001

ATTENTION: Steve Woodyard

SAMPLE IDENTIFICATION

Sample submitted and
identified by client as:

PROJECT #: FCLF 1039

FRANKLIN CO. LANDFILL

09/10/01

#1 - STORMWATER RUNOFF #2 @ 15:05

PROJECT MANAGER _____
Marcia C. Terlep

ENCO LABORATORIES
REPORT # : ORL17633
DATE REPORTED: September 21, 2001
REFERENCE : FCLF 1039
PROJECT NAME : FRANKLIN CO. LANDFILL

RESULTS OF ANALYSIS

DISSOLVED METALS	METHOD	STORMWATER RUNOFF #2	LAB BLANK	Units
Iron, filtered	236.1	1.6	0.10 U	mg/L
Date Analyzed		09/17/01	09/17/01	

MISCELLANEOUS	METHOD	STORMWATER RUNOFF #2	LAB BLANK	Units
Total Susp. Solids	160.2	36	1.0 U	mg/L
Date Analyzed		09/20/01 04:17	09/20/01 04:17	

U = Compound was analyzed for but not detected to the level shown.

ENCO LABORATORIES
REPORT # : ORL17633
DATE REPORTED: September 21, 2001
REFERENCE : FCLF 1039
PROJECT NAME : FRANKLIN CO. LANDFILL

QUALITY CONTROL DATA

Parameter	% RECOVERY MS/MSD/LCS	ACCEPT LIMITS	% RPD MS/MSD	ACCEPT LIMITS
DISSOLVED METALS				
Iron, 236.1	91/ 94/ 99	63-129	3	15
MISCELLANEOUS				
Total Susp. Solids, 160.2	NA/ NA/103	71-113	NA	NA

Environmental Conservation Laboratories Comprehensive QA Plan #960038

< = Less Than
MS = Matrix Spike
MSD = Matrix Spike Duplicate
LCS = Laboratory Control Standard
RPD = Relative Percent Difference

This report shall not be reproduced except in full, without the written approval of the laboratory. Results for these procedures apply only to the samples as submitted.

CSARF #_____

ENVI. NMENTAL CONSERVATION LABORATORIES

4810 Executive Park Court, Suite 211
Jacksonville, Florida 32216-6069
Ph. (904) 296-3007 • Fax (904) 296-6210

10207 General Drive
Orlando, Florida 32824-8529
Ph. (407) 826-5314 • Fax (407) 850-6945

1015 Passport Way
Cary, North Carolina 27513
Ph. (919) 677-1669 • Fax (919) 677-9846

ENCO CompQAP No.: 960038G/0

CHAIN OF CUSTODY RECORD

PROJECT REFERENCE: FRANKLIN Co. LANDFILL
PROJECT NO.: FCLF 1039
P.O. NUMBER:
PROJECT LOC. (State): VA.
SAMPLER(s) NAME: STEVE WOODYARD
PHONE: 540-483-5975
FAX: 540-483-2221
CLIENT NAME: EARTH ENV. CONS.
CLIENT PROJECT MANAGER: STEVE WOODYARD
CLIENT ADDRESS (CITY, STATE, ZIP): 375 FRANKLIN ST. ROCKY MOUNT, VA 24151

PAGE 1 OF 1

☑ STANDARD REPORT DELIVERY
☐ EXPEDITED REPORT DELIVERY (surcharge)
Date Due: _____

MATRIX TYPE: SURFACE WATER, GROUND WATER, WASTEWATER, DRINKING WATER, SOIL/SOLID/SEDIMENT, NONAQUEOUS LIQUID (oil, solvent, etc.), AIR, SLUDGE, OTHER

REQUIRED ANALYSIS: T55, FE/F

PRESERVATIVE: HNO3

NUMBER OF CONTAINERS SUBMITTED

SAMPLE STATION	DATE	TIME	GRAB	COMP	SAMPLE IDENTIFICATION	SURFACE WATER	GROUND WATER	WASTEWATER	DRINKING WATER	SOIL/SOLID/SEDIMENT	NONAQUEOUS LIQUID	AIR	SLUDGE	OTHER	T55	FE/F	REMARKS
1 SWP-1	9-10-01 ~~9-11-01~~	1505	✓		STORM WATER RUNOFF #2	✓									✓	✓	
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	
11																	
12																	
13																	
14																	

	DATE	TIME		DATE	TIME		DATE	TIME
SAMPLE KIT PREPARED BY: ☐JACKSONVILLE ☐ORLANDO			RELINQUISHED BY: (SIGNATURE)			RECEIVED BY: (SIGNATURE)		
RELINQUISHED BY: (SIGNATURE) Ronald S. [illegible]	9/11/01	1500	RECEIVED BY: (SIGNATURE)			RELINQUISHED BY: (SIGNATURE)		
RECEIVED BY (SIGNATURE)			RELINQUISHED BY: (SIGNATURE)			RECEIVED BY: (SIGNATURE)		

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	ENCO LOG NO.	REMARKS
Dana Fisseman ☐ Jacksonville ☑ Orlando	9/14/01	9:30	☑ YES ☐ NO	01-17633	

AIR WATER & SOIL LABORATORIES, INC.

RICHMOND, VIRGINIA 23230
(804) 358-8295 PHONE
(804)358-8297 FAX

COVERS THESE SAMPLES FOR A SEPARATE REPORT

CHAIN OF CUSTODY

CLIENT NAME: JOYCE ENGINEERING, INC
CLIENT CONTACT: VAN BURBACH
CLIENT ADDRESS: 2211 W. MEADOW VIEW RD, STE 101, GREENSBORO
CLIENT PHONE NUMBER:
CLIENT FAX NUMBER:

PROJECT NAME: FRANKLIN Co. L.F. - VPDES PARAMETER
SITE NAME: FRANKLIN CO. LANDFILL
PROJECT NUMBER: 459.00.36
P.O. NUMBER:
REGULATORY AUTHORITY: DEQ

Is sample for compliance reporting? YES NO
Is sample from a chlorinated supply? YES NO
PWS I.D. #:

SAMPLER NAME (PRINT): DAN GIRDNER / Sarah McCarthy
SAMPLER SIGNATURE: Daniel Girdner / [illegible]
Turn Around Time: 10 Day(s)

Have ammonia and TKN samples been verified to be dechlorinated at the time of sampling? YES NO

RECEIVED JUL 1 6 2007 DEQ-WCRO

CLIENT SAMPLE I.D.	Composite Start Date	Composite Start Time	Grab or Composite Stop Date	Grab or Composite Stop Time	Number of Containers	Grab	Composite	Field Filtered (Dissolved Metals)	Ground Water / Surface Water	Waste Water / Storm Water	Drinking Water	Soil	Solids	Other	BOD	TSS						COMMENTS (Quote I.D.: / PLEASE NOTE PRESERVATIVE(S) or PUMP RATE (L/min))
1) MW-2			5-10-07	12:25	2	X			X						X	X						
2) MW-13			5-10-07	13:05	2	X			X						X	X						
3)																						
4)																						
5)																						
6)																						
7)																						
8)																						
9)																						
10)																						

RELINQUISHED:	DATE / TIME	RECEIVED:	DATE / TIME
Daniel Girdner	5-10-07 16:00	[illegible]	5/10/07 2630
RELINQUISHED:	DATE / TIME	RECEIVED:	DATE / TIME
[illegible]	5-10-07 2200	[illegible]	5/11/07 0845
RELINQUISHED:	DATE / TIME	RECEIVED:	DATE / TIME

QC Data Package
Level I ☐
Level II ☐
Level III ☐

LAB USE ONLY
COOLER TEMP Ice °C

JEI-G
07050205
Franklin County Landfill VPDE
DUE: 10 Days
Recd: 05/11/07

TE:

READ PERMIT AND GENERAL INSTRUCTIONS
BEFORE COMPLETING FORM

DEPT. OF ENVIRONMENTAL QUALITY
West Central Regional Office
3019 Peters Creek Road
Roanoke, Virginia 24019
(540) 562-6700

VIRGINIA POLLUTANT DISCHARGE ELIMINATION SYSTEM (VPDES) DISCHARGE MONITORING REPORT (DMR)

(PE: STORM WATER
Landfills

520229	1
PERMIT NUMBER	OUTFALL NO.

ERMITTEE NAME Bonnie Newlon

ACILITY NAME Franklin County Landfill

DDRESS: 9340 Virgil H. Goode Highway

Rocky Mount, VA 24151

Check One	MONITORING PERIOD						
	YEAR	MO	DAY	TO	YEAR	MO	DAY
	2000	July	1		2000	Dec.	31
✓	2001	Jan.	1		2001	June	30
	2002	July	1		2002	Dec.	31
	2003	Jan.	1		2003	June	30

ONTACT PERSON Steve Woodyard TELEPHONE 540-483-5975

PARAMETER		CONCENTRATION				NO. EX.	Monitoring Waived
		MINIMUM	AVERAGE	MAXIMUM	UNITS		
004 TOTAL SUS. SOLIDS	REPORTED	******	******	36	mg/L		
	MONITORING CUT OFF	******	******	100	MG/L		(Y)Yes or (N)No
361 TOTAL Recoverable Iron	REPORTED	*******	*******	1.6	mg/L		
	MONITORING CUT OFF	*******	*******	1	mg/l		(Y)Yes or (N)No

STORM EVENT INFORMATION			
DATE	YR.	MO	DAY
	01	9	10
DURATION	HRS	MIN	
	2	30	
PRECIP. AMOUNT (IN.)	0.36		
RUNOFF VOL. (GAL.)	22,270		
PRECEDING EVENT	DAYS	HRS	
	9	11	

certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance ith a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry f the person or persons who manage the system or those persons directly responsible for gathering the information, the information ubmitted is to the best of my knowledge and belief, true accurate and complete. I am aware that there are significant penalties for ubmitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 U. S. C. § 1001 and 3 U. S. C. § 1319. (Penalties under these statutes may include fines up to $10,000 and or maximum imprisonment of between 6 months nd five years.)

PRINCIPLE EXECUTIVE OFFICER OR AUTHORIZED AGENT	
Barry Sink	Barry Sink
TYPED OR PRINTED NAME	SIGNATURE

DATE		
YR.	MO	DAY
01	10	19

RECEIVED

JUL 1 6 2007

DEQ-WCRO

JEI-G

07050205

Franklin County Landfill VPDE

DUE: 10 Days

Recd: 05/11/07

Sample Conditions Checkl

Opened by: (print) Jason Rossi

Lab ID No.:

Date Cooler Opened: RECEIVED MAY 11 2007

(sign)

		YES	NO	N/A
1.	Were custody seals on outside of cooler?		✓	
2.	Were custody seals unbroken and intact at the date and time of arrival?			✓
3.	Was the project identifiable from custody papers and were the custody papers filled out completely and correctly?	✓		
4.	Did all bottle labels agree with custody papers?	✓		
5.	Was cooler recieved on ice?	✓		
6.	If yes, was their a temperature blank and was the temperature less than 4 degrees Celsius?			✓
7.	Was temperature check within acceptable limits?			✓
8.	Were all samples within holding time for requested tests?	✓		
9.	Are all samples in propper bottles with appropriate preservative for the analysis requested?	✓		
10.	Are all volatile organic bottles free of headspace?			✓

COMMENTS

AIR WATER SOIL LABORATORIES, INC.®
2109A North Hamilton Street • Richmond, Virginia 23230 • Tel: (804) 358-8295 Fax: (804) 358-8297

RECEIVED
JUN 1 6 2007
DEQ-WCRO

Certificate of Analysis

Final Report

Laboratory Order ID 07050205

Client Name: Joyce Engineering, Inc.-Greensboro
2301 W Meadowview Rd., Ste 203
Greensboro, NC 27407

Date Received: May 11, 2007
Date Issued: May 25, 2007

Submitted To: Van Burbach
Project Number: 459.00.36
Client Site I.D.: Franklin County Landfill VPDES
Purchase Order: NA

Sample I.D.: MW-2
Laboratory Sample I.D.: 07050205-001
Date/Time Sampled 05/10/07 12:25

Parameter	Method	Sample Results	Rep Limit	Analysis Date/Time	Analyst
BOD	SM5210B	10.8 mg/L	2.0	05/11/07 18:15	TER
TSS	SM2540D	28 mg/L	1.0	05/11/07 10:50	TER

Sample I.D.: MW-13
Laboratory Sample I.D.: 07050205-002
Date/Time Sampled 05/10/07 13:05

Parameter	Method	Sample Results	Rep Limit	Analysis Date/Time	Analyst
BOD	SM5210B	< 2 mg/L	2.0	05/11/07 18:15	TER
TSS	SM2540D	10 mg/L	1.0	05/11/07 10:50	TER

Ted Soyars
Laboratory Manager

EARTH ENVIRONMENTAL
CONSULTANTS, INC.

Mr. Barry Sink
Landfill Director
Franklin County Landfill
40 East Court Street
Rocky Mount, VA 24151

June 8, 2007

RE: Earth Env. Project #FCLF1053
VPDES Permit No. VAR050223, VPDES Storm Water General Permit Coverage for Franklin County Sanitary Landfill, 9340 Virgil H. Goode Highway, Rocky Mount, VA

Dear Mr. Sink:

In accordance with the Franklin County Landfill's VPDES Permit No. VAR050223, an annual storm water monitoring event was scheduled to be conducted between July 1, 2006 and June 30, 2007. EEC performed the required sampling on April 11, 2007. The rainfall event started at approximately 0945 a.m. and the sampling occurred at 1000 a.m. The storm ended at approximately 1315 p.m. and the rainfall amount for this storm event measured 0.28 inches at the landfill. The duration between the storm event sampled and the end of the previous measurable storm event was 9 days, 8 hours, 45 minutes.

The sample was collected at the outlet of the drainage culvert from the sediment basin. The drainage area towards this point is approximately 73 acres per Shawn Farrow of Joyce Engineering, Inc. The rainfall event of 0.28 inches produced approximately 20,440 gallons of discharge from this sample point.

A copy of the laboratory test results for the April 11, 2007 sampling event is enclosed along with the signed Discharge Monitoring Report (DMR). A copy of this report has also been mailed to each of the following:

Mr. Richard E. Huff, II
Franklin County Administrator
40 East Court Street
Rocky Mount, VA 24151

Ms. Becky Ward
Joyce Engineering, Inc.
1604 Ownby Lane
Richmond, VA 23220

375 Franklin Street • Rocky Mount, VA 24151
540-483-5975 • 888-663-9719 • Fax: 540-483-2221 • earth@earthenv.com

We have not mailed a copy of the report to the DEQ. Joyce Engineering, Inc. will be responsible for forwarding this information on to the DEQ.

If you have questions about this sampling event, please do not hesitate to call. We appreciate the opportunity to have worked with you on this project and look forward to continuing to serve Franklin County in the future.

Sincerely,

Ronald S. Woodyard

Ronald S. (Steve) Woodyard, P.G.
Senior Project Manager

rsw

enclosures

cc: Mr. Richard E. Huff, II, Franklin Co.
Ms. Becky Ward, Joyce Engineering, Inc.

EARTH ENVIRONMENTAL
CONSULTANTS, INC.

Mr. Barry Sink
Landfill Director
Franklin County Landfill
40 East Court Street
Rocky Mount, VA 24151

July 7, 2006

RE: Earth Env. Project #FCLF1052
VPDES Permit No. VAR050223, VPDES Storm Water General Permit Coverage for Franklin County Sanitary Landfill, 9340 Virgil H. Goode Highway, Rocky Mount, VA

Dear Mr. Sink:

In accordance with the Franklin County Landfill's VPDES Permit No. VAR050223, an annual storm water monitoring event was scheduled to be conducted between July 1, 2005 and June 30, 2006. You, personally, were available to sample right after normal landfill operational hours on June 19, 2006. The rainfall event started at approximately 5:35 p.m. and the sampling occurred at 5:50 p.m. The storm ended at approximately 6:15 p.m. and the rainfall amount for this storm event measured 0.7 inches at the landfill. The duration between the storm event sampled and the end of the previous measurable storm event was 5 days, 7 hours, 20 minutes.

The sample was collected at the outlet of the drainage culvert from the sediment basin. The drainage area towards this point is approximately 73 acres per Shawn Farrow of Joyce Engineering, Inc. The rainfall event of 0.7 inches produced approximately 51,100 gallons of discharge from this sample point.

A copy of the laboratory test results for the June 19, 2006 sampling event is enclosed along with the signed Discharge Monitoring Report (DMR). A copy of this report has also been mailed to each of the following:

Mr. Richard E. Huff, II
Franklin County Administrator
40 East Court Street
Rocky Mount, VA 24151

Ms. Becky Ward
Joyce Engineering, Inc.
1604 Ownby Lane
Richmond, VA 23220

file

375 Franklin Street • Rocky Mount, VA 24151
540-483-5975 • 888-663-9719 • Fax: 540-483-2221 • earth@earthenv.com

We have not mailed a copy of the report to the DEQ. Joyce Engineering, Inc. will be responsible for forwarding this information on to the DEQ.

If you have questions about this sampling event, please do not hesitate to call. We appreciate the opportunity to have worked with you on this project and look forward to continuing to serve Franklin County in the future.

Sincerely,

Ronald S. (Steve) Woodyard, P.G.
Senior Project Manager

rsw

enclosures

cc: Mr. Richard E. Huff, II, Franklin Co.
Ms. Becky Ward, Joyce Engineering, Inc.

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF ENVIRONMENTAL QUALITY
VIRGINIA POLLUTANT DISCHARGE ELIMINATION SYSTEM (VPDES)
DISCHARGE MONITORING REPORT (DMR)

DEPT. OF ENVIRONMENTAL QUALITY
West Central Regional Office
3019 Peters Creek Road
Roanoke VA, 24019

TYPE: STORM WATER

SECTOR L - LANDFILLS (INDUSTRIAL ACTIVITY CODE "LF") - PAGE 2 of 2

NOTE: READ PERMIT AND GENERAL INSTRUCTIONS BEFORE COMPLETING THIS FORM.

VAR050223	001
PERMIT NUMBER	OUTFALL NO.

PERMITTEE NAME RICHARD E. HUFF, II

FACILITY NAME FRANKLIN CO. LANDFILL

ADDRESS: 9340 VIRGIL H. GOODE HWY.
ROCKY MOUNT, VA 24151

Check One	MONITORING PERIOD YEAR	MO	DAY	TO	YEAR	MO	DAY
	2004	July	1		2005	June	30
✓	2005	July	1		2006	June	30
	2006	July	1		2007	June	30
	2007	July	1		2008	June	30
	2008	July	1		2009	June	30

CONTACT PERSON STEVE WOODYARD TELEPHONE 540-483-5975

PARAMETER		QUALITY OR CONCENTRATION MINIMUM	AVERAGE	MAXIMUM	UNITS	NO. EX.	SAMPLE TYPE
020 ZINC, TOTAL (AS ZN)	REPORTED	******		ND			
	REQUIREMENT	******	0.11	0.20	mg/l		GRAB
002 pH	REPORTED		******	7.90	SU		
	REQUIREMENT	6.0	******	9.0	SU		GRAB
	REPORTED						
	REQUIREMENT						
	REPORTED						
	REQUIREMENT						
	REPORTED						
	REQUIREMENT						
	REPORTED						
	REQUIREMENT						
	REPORTED						
	REQUIREMENT						

STORM EVENT INFORMATION			
DATE	YR.	MO	DAY
	06	06	19
DURATION	HRS	MIN	
	0	40	
PRECIP. AMOUNT (IN.)	0.7		
RUNOFF VOL. (GAL.)	51,100		
PRECEDING EVENT	DAYS	HRS	
	5	7	

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief, true accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 U. S. C. § 1001 and 33 U. S. C. § 1319. (Penalties under these statutes may include fines up to $10,000 and or maximum imprisonment of between 6 months and five years.)

PRINCIPLE EXECUTIVE OFFICER OR AUTHORIZED AGENT		DATE		
Barry Sink	Barry Sink	06	7	7
TYPED OR PRINTED NAME	SIGNATURE	YR.	MO.	DAY

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF ENVIRONMENTAL QUALITY
VIRGINIA POLLUTANT DISCHARGE ELIMINATION SYSTEM (VPDES)
DISCHARGE MONITORING REPORT (DMR)

DEPT. OF ENVIRONMENTAL QUALITY
West Central Regional Office
3019 Peters Creek Road
Roanoke VA, 24019

TYPE: STORM WATER

NOTE: READ PERMIT AND GENERAL INSTRUCTIONS BEFORE COMPLETING THIS FORM

SECTOR L - LANDFILLS (INDUSTRIAL ACTIVITY CODE "LF") - PAGE 1 of 2

VAR050223	001
PERMIT NUMBER	OUTFALL NO.

PERMITTEE NAME RICHARD E. HUFF, II

FACILITY NAME FRANKLIN CO. LANDFILL

ADDRESS: 9340 VIRGIL H. GOODE HWY.
ROCKY MOUNT, VA 24151

Check One	MONITORING PERIOD YEAR	MO	DAY	TO	YEAR	MO	DAY
	2004	July	1		2005	June	30
✓	2005	July	1		2006	June	30
	2006	July	1		2007	June	30
	2007	July	1		2008	June	30
	2008	July	1		2009	June	30

CONTACT PERSON STEVE WOODYARD TELEPHONE 540-483-5975

PARAMETER		QUALITY OR CONCENTRATION MINIMUM	AVERAGE	MAXIMUM	UNITS	NO. EX.	SAMPLE TYPE
003 BOD5	REPORTED	******		3.42	mg/L		
	REQUIREMENT	******	37	140	mg/l		GRAB
004 TOTAL SUS. SOLIDS	REPORTED	******		5.20	mg/L		
	REQUIREMENT	******	27	88	mg/l		GRAB
039 AMMONIA (AS N)	REPORTED	******		0.784	mg/L		
	REQUIREMENT	******	4.9	10	mg/l		GRAB
052 ALPHA TERPINEOL	REPORTED	******		ND			
	REQUIREMENT	******	0.016	0.033	mg/l		GRAB
061 BENZOIC ACID	REPORTED	******		ND			
	REQUIREMENT	******	0.071	0.12	mg/l		GRAB
511 p-CRESOL	REPORTED	******		ND			
	REQUIREMENT	******	0.014	0.025	mg/l		GRAB
175 PHENOL	REPORTED	******		ND			
	REQUIREMENT	******	0.015	0.026	mg/l		GRAB

STORM EVENT INFORMATION			
DATE	YR.	MO	DAY
	06	06	19
DURATION	HRS	MIN	
	0	40	
PRECIP. AMOUNT (IN.)	0.7		
RUNOFF VOL. (GAL.)	51,100		
PRECEDING EVENT	DAYS	HRS	
	5	7	

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief, true accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 U. S. C. § 1001 and 33 U. S. C. § 1319. (Penalties under these statutes may include fines up to $10,000 and or maximum imprisonment of between 6 months and five years.)

PRINCIPLE EXECUTIVE OFFICER OR AUTHORIZED AGENT		DATE		
BARRY SINK	Barry Sink	06	7	7
TYPED OR PRINTED NAME	SIGNATURE	YR.	MO.	DAY

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

July 03, 2006

Client: Earth Environmental Consultant (8487)
375 Franklin Street
Rocky Mount, VA 24151
Attn: Steve Woodyard

Work Order: NPF2792
Project Name: Franklin County Landfill
Project Nbr: FCLF 1052
P/O Nbr:
Date Received: 06/21/06

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
SW-1	NPF2792-01	06/19/06 17:50

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accredidation.

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The Chain(s) of Custody, 3 pages, are included and are an integral part of this report.

These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

Report Approved By:

Roxanne L. Connor

Roxanne Connor
Senior Project Manager

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Earth Environmental Consultant (8487)	Work Order:	NPF2792
	375 Franklin Street	Project Name:	Franklin County Landfill
	Rocky Mount, VA 24151	Project Number:	FCLF 1052
Attn	Steve Woodyard	Received:	06/21/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPF2792-01 (SW-1 - Water) Sampled: 06/19/06 17:50								
General Chemistry Parameters								
Ammonia as N	0.784		mg/L	0.100	1	06/28/06 17:18	EPA 350.1M	6065501
BOD - 5 Day	3.42	H	mg/L	2.00	1	06/26/06 23:00	EPA 405.1	6064224
pH	7.90	HT1	pH Units	0.100	1	06/21/06 17:22	EPA 150.1	6064118
Total Suspended Solids	5.20		mg/L	2.00	1	06/21/06 18:15	EPA 160.2	6064205
Total Metals by EPA Method 200.7								
Zinc	ND		mg/L	0.0500	1	06/22/06 16:39	EPA 200.7	6064096
Semivolatile Organic Compounds by EPA Method 8270C								
alpha-Terpineol	ND		ug/L	9.43	1	06/24/06 06:04	SW846 8270C	6064549
Atrazine	ND		ug/L	9.43	1	07/03/06 13:36	SW846 8270C	6064549
Benzoic acid	ND		ug/L	47.2	1	06/24/06 15:08	SW846 8270C	6064549
Biphenyl	ND		ug/L	9.43	1	07/03/06 13:36	SW846 8270C	6064549
Caprolactam	ND		ug/L	9.43	1	06/24/06 06:04	SW846 8270C	6064549
3/4-Methylphenol	ND		ug/L	9.43	1	06/24/06 15:08	SW846 8270C	6064549
Phenol	ND		ug/L	9.43	1	06/24/06 15:08	SW846 8270C	6064549
Surr: 2-Fluorophenol (10-64%)	*41 %*					*06/24/06 15:08*	*SW846 8270C*	*6064549*
Surr: Phenol-d5 (10-48%)	*27 %*					*06/24/06 15:08*	*SW846 8270C*	*6064549*
Surr: Nitrobenzene-d5 (31-112%)	*80 %*					*06/24/06 15:08*	*SW846 8270C*	*6064549*
Surr: 2-Fluorobiphenyl (33-101%)	*81 %*					*06/24/06 15:08*	*SW846 8270C*	*6064549*
Surr: 2,4,6-Tribromophenol (32-118%)	*86 %*					*06/24/06 15:08*	*SW846 8270C*	*6064549*
Surr: Terphenyl-d14 (31-111%)	*68 %*					*06/24/06 15:08*	*SW846 8270C*	*6064549*

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	Rocky Mount, VA 24151	Project Number:	FCLF 1052
Attn	Steve Woodyard	Received:	06/21/06 08:00

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
General Chemistry Parameters						
6064205-BLK1						
Total Suspended Solids	<0.500		mg/L	6064205	6064205-BLK1	06/21/06 18:15
6064224-BLK1						
BOD - 5 Day	<1.00		mg/L	6064224	6064224-BLK1	06/26/06 23:00
6065501-BLK1						
Ammonia as N	0.0574		mg/L	6065501	6065501-BLK1	06/28/06 17:18
Total Metals by EPA Method 200.7						
6064096-BLK1						
Zinc	0.00280		mg/L	6064096	6064096-BLK1	06/22/06 13:55
Semivolatile Organic Compounds by EPA Method 8270C						
6064549-BLK1						
alpha-Terpineol	<2.50		ug/L	6064549	6064549-BLK1	06/25/06 17:12
Atrazine	<10.0		ug/L	6064549	6064549-BLK1	06/24/06 06:04
Benzoic acid	<7.60		ug/L	6064549	6064549-BLK1	06/24/06 12:40
Biphenyl	<10.0		ug/L	6064549	6064549-BLK1	06/24/06 06:04
Caprolactam	<10.0		ug/L	6064549	6064549-BLK1	06/25/06 17:12
3/4-Methylphenol	<3.10		ug/L	6064549	6064549-BLK1	06/24/06 12:40
Phenol	<1.80		ug/L	6064549	6064549-BLK1	06/24/06 12:40
Surrogate: 2-Fluorophenol	61%			6064549	6064549-BLK1	06/24/06 12:40
Surrogate: Phenol-d5	41%			6064549	6064549-BLK1	06/24/06 12:40
Surrogate: Nitrobenzene-d5	99%			6064549	6064549-BLK1	06/24/06 12:40
Surrogate: 2-Fluorobiphenyl	96%			6064549	6064549-BLK1	06/24/06 12:40
Surrogate: 2,4,6-Tribromophenol	100%			6064549	6064549-BLK1	06/24/06 12:40
Surrogate: Terphenyl-d14	94%			6064549	6064549-BLK1	06/24/06 12:40

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Attn	Steve Woodyard	Received:	06/21/06 08:00

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
General Chemistry Parameters							
EPA 405.1	6064224	NPF2792-01	300.00	300.00	06/22/06 01:00	BXK	BOD/CBOD
Semivolatile Organic Compounds by EPA Method 8270C							
SW846 8270C	6064549	NPF2792-01	1060.00	1.00	06/23/06 15:15	PJB	EPA 3510C
Total Metals by EPA Method 200.7							
EPA 200.7	6064096	NPF2792-01	50.00	50.00	06/21/06 12:32	LTB	EPA 200.7

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PROJECT QUALITY CONTROL DATA
Duplicate

Analyte	Orig. Val.	Duplicate	Q	Units	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
General Chemistry Parameters									
6064118-DUP1									
pH	7.10	7.00		pH Units	1	200	6064118	NPF2694-04	06/21/06 17:22
6064205-DUP1									
Total Suspended Solids	14.5	14.0		mg/L	4	20	6064205	NPF2840-01	06/21/06 18:15
6064224-DUP1									
BOD - 5 Day	3.42	3.29		mg/L	4	20	6064224	NPF2792-01	06/26/06 23:00
6064224-DUP2									
BOD - 5 Day	ND	ND		mg/L		20	6064224	NPF2794-01	06/26/06 23:00
6065501-DUP1									
Ammonia as N	13.6	13.8		mg/L	1	11	6065501	NPF3465-01	06/28/06 17:18

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	375 Franklin Street	Project Name:	Franklin County Landfill
	Rocky Mount, VA 24151	Project Number:	FCLF 1052
Attn	Steve Woodyard	Received:	06/21/06 08:00

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
General Chemistry Parameters								
6064205-BS1								
Total Suspended Solids	100	98.0		mg/L	98%	90 - 110	6064205	06/21/06 18:15
6064224-BS1								
BOD - 5 Day	198	199		ug/mL	101%	85 - 115	6064224	06/26/06 23:00
6065501-BS1								
Ammonia as N	5.00	5.43		ug/mL	109%	90 - 110	6065501	06/28/06 17:18
Total Metals by EPA Method 200.7								
6064096-BS1								
Zinc	0.500	0.543		mg/L	109%	85 - 115	6064096	06/22/06 14:00
Semivolatile Organic Compounds by EPA Method 8270C								
6064549-BS1								
alpha-Terpineol	50.0	67.4		ug/L	135%	58 - 156	6064549	06/25/06 17:34
Benzoic acid	50.0	30.2	L	ug/L	60%	21 - 37	6064549	06/24/06 13:09
3/4-Methylphenol	50.0	43.4		ug/L	87%	4 - 99	6064549	06/24/06 13:09
Phenol	50.0	22.4		ug/L	45%	18 - 50	6064549	06/24/06 13:09
Surrogate: 2-Fluorophenol	50.2	28.9			58%	10 - 64	6064549	06/24/06 13:09
Surrogate: Phenol-d5	50.2	20.2			40%	10 - 48	6064549	06/24/06 13:09
Surrogate: Nitrobenzene-d5	50.2	46.9			93%	31 - 112	6064549	06/24/06 13:09
Surrogate: 2-Fluorobiphenyl	50.2	47.2			94%	33 - 101	6064549	06/24/06 13:09
Surrogate: 2,4,6-Tribromophenol	50.2	53.1			106%	32 - 118	6064549	06/24/06 13:09
Surrogate: Terphenyl-d14	50.2	44.7			89%	31 - 111	6064549	06/24/06 13:09
6064549-BS2								
Atrazine	50.0	23.2		ug/L	46%	39 - 109	6064549	07/03/06 13:13
Benzoic acid	50.0	32.2	L	ug/L	64%	21 - 37	6064549	06/24/06 13:39
Biphenyl	50.0	22.6		ug/L	45%	39 - 109	6064549	07/03/06 13:13
Caprolactam	50.0	22.0		ug/L	44%	39 - 109	6064549	06/25/06 17:57
Phenol	50.0	17.7		ug/L	35%	18 - 50	6064549	06/24/06 13:39
Surrogate: 2-Fluorophenol	50.2	25.7			51%	10 - 64	6064549	06/24/06 13:39
Surrogate: Phenol-d5	50.2	18.3			36%	10 - 48	6064549	06/24/06 13:39
Surrogate: Nitrobenzene-d5	50.2	44.3			88%	31 - 112	6064549	06/24/06 13:39
Surrogate: 2-Fluorobiphenyl	50.2	45.6			91%	33 - 101	6064549	06/24/06 13:39
Surrogate: 2,4,6-Tribromophenol	50.2	50.6			101%	32 - 118	6064549	06/24/06 13:39
Surrogate: Terphenyl-d14	50.2	43.0			86%	31 - 111	6064549	06/24/06 13:39
6064549-BS3								
3/4-Methylphenol	100	30.0		ug/L	30%	4 - 99	6064549	06/24/06 14:08
Phenol	50.0	20.0		ug/L	40%	18 - 50	6064549	06/24/06 14:08
Surrogate: 2-Fluorophenol	50.2	28.6			57%	10 - 64	6064549	06/24/06 14:08

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	375 Franklin Street	Project Name:	Franklin County Landfill
	Rocky Mount, VA 24151	Project Number:	FCLF 1052
Attn	Steve Woodyard	Received:	06/21/06 08:00

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Semivolatile Organic Compounds by EPA Method 8270C								
6064549-BS3								
Surrogate: Phenol-d5	50.2	19.8			39%	10 - 48	6064549	06/24/06 14:08
Surrogate: Nitrobenzene-d5	50.2	23.3			46%	31 - 112	6064549	06/24/06 14:08
Surrogate: 2-Fluorobiphenyl	50.2	22.9			46%	33 - 101	6064549	06/24/06 14:08
Surrogate: 2,4,6-Tribromophenol	50.2	51.5			103%	32 - 118	6064549	06/24/06 14:08
Surrogate: Terphenyl-d14	50.2	28.5			57%	31 - 131	6064549	06/24/06 14:08

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	375 Franklin Street	Project Name:	Franklin County Landfill
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Attn	Steve Woodyard	Received:	06/21/06 08:00

PROJECT QUALITY CONTROL DATA
LCS Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
General Chemistry Parameters												
6064205-BSD1												
Total Suspended Solids		97.0		mg/L	100	97%	90 - 110	1	20	6064205		06/21/06 18:15
Total Metals by EPA Method 200.7												
6064096-BSD1												
Zinc		0.548		mg/L	0.500	110%	85 - 115	0.9	20	6064096		06/22/06 14:04
Semivolatile Organic Compounds by EPA Method 8270C												
6064549-BSD1												
alpha-Terpineol		58.8		ug/L	50.0	118%	58 - 156	14	45	6064549		06/25/06 18:19
Atrazine		ND		ug/L			39 - 109		45	6064549		06/24/06 06:04
Benzoic acid		30.8	L	ug/L	50.0	62%	21 - 37	2	84	6064549		06/24/06 14:38
Biphenyl		ND		ug/L			39 - 109		45	6064549		06/24/06 06:04
Caprolactam		ND		ug/L			39 - 109		45	6064549		06/25/06 18:19
3/4-Methylphenol		38.0		ug/L	50.0	76%	4 - 99	13	54	6064549		06/24/06 14:38
Phenol		17.6		ug/L	50.0	35%	18 - 50	24	54	6064549		06/24/06 14:38
Surrogate: 2-Fluorophenol		23.6		ug/L	50.2	47%	10 - 64			6064549		06/24/06 14:38
Surrogate: Phenol-d5		16.9		ug/L	50.2	34%	10 - 48			6064549		06/24/06 14:38
Surrogate: Nitrobenzene-d5		40.2		ug/L	50.2	80%	31 - 112			6064549		06/24/06 14:38
Surrogate: 2-Fluorobiphenyl		40.8		ug/L	50.2	81%	33 - 101			6064549		06/24/06 14:38
Surrogate: 2,4,6-Tribromophenol		47.6		ug/L	50.2	95%	32 - 118			6064549		06/24/06 14:38
Surrogate: Terphenyl-d14		41.6		ug/L	50.2	83%	31 - 111			6064549		06/24/06 14:38

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Attn	Steve Woodyard	Received:	06/21/06 08:00

PROJECT QUALITY CONTROL DATA
Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
General Chemistry Parameters										
6065501-MS1										
Ammonia as N	0.784	6.89	M7	mg/mL	5.00	122%	90 - 110	6065501	NPF2792-01	06/28/06 17:18
Total Metals by EPA Method 200.7										
6064096-MS1										
Zinc	0.0285	0.562		mg/L	0.500	107%	70 - 130	6064096	NPF2274-05	06/22/06 14:13

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Attn	Steve Woodyard	Received:	06/21/06 08:00

PROJECT QUALITY CONTROL DATA
Matrix Spike Dup

Analyte	Orig Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
General Chemistry Parameters												
6065501-MSD1												
Ammonia as N	0.784	6.93	M7	mg/mL	5.00	123%	90 - 110	0.6	11	6065501	NPF2792-01	06/28/06 17:18
Total Metals by EPA Method 200.7												
6064096-MSD1												
Zinc	0.0285	0.564		mg/L	0.500	107%	70 - 130	0.4	20	6064096	NPF2274-05	06/22/06 14:18

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CERTIFICATION SUMMARY

TestAmerica - Nashville, TN

Method	Matrix	AIHA	Nelac	Virginia
EPA 150.1	Water	N/A	X	
EPA 160.2	Water	N/A	X	
EPA 200.7	Water	N/A	X	
EPA 350.1M	Water	N/A	X	
EPA 405.1	Water	N/A	X	
SW846 8270C	Water	N/A	X	N/A

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DATA QUALIFIERS AND DEFINITIONS

H	Sample analysis performed past method-specified holding time.
HTI	The holding time for this test is immediate. The laboratory measurement, therefore, may not be suitable for compliance purposes.
L	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the acceptance limits. Analyte not detected, data not impacted.
M7	The MS and/or MSD were above the acceptance limits. See Blank Spike (LCS).

METHOD MODIFICATION NOTES

350.1 M - M = Ammonia-Nitrogen method modified for midi-distillation with Lachat Procedure 10-107-06-1-A.

TestAmerica ANALYTICAL TESTING CORPORATION

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

Phone: 615-726-0177
Fax: 615-726-3404

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?
Compliance Monitoring: YES

Client Name: EARTH ENV. CONS. Client #: 8487
Address: 375 FRANKLIN STREET
City/State/Zip Code: ROCKY MOUNT, VA 24151
Project Manager: STEVE WOODYARD
Telephone Number: 540-483-5975 Fax: 540-483-2221
Sampler Name: (Print Name) STEVE WOODYARD
Sampler Signature: [signature]

Project Name: FRANKLIN CO. LANDFILL
Project #: FCLF 1052
Site/Location ID: ROCKY MOUNT State: VA
Report To: STEVE WOODYARD
Invoice To:
Quote #: PO#:

TAT: ✓ Standard ___ Rush (surcharges may apply)
Date Needed:
Fax Results: (Y) N
EMAIL

SAMPLE ID	Date Sampled	Time Sampled	G = Grab, C = Composite	Field Filtered	Matrix (SL - Sludge, DW - Drinking Water, GW - Groundwater, S - Soil/Solid, WW - Wastewater, Specify Other)	Preservation & # of Containers: HNO_3	HCl	NaOH	H_2SO_4	Methanol	None	Other (Specify)	BOD 5	TSS	AMMONIA as N	ALPHA TERPINEOL	BENZOIC ACID	P-CRESOL	PHENOL	TOTAL ZINC	pH	REMARKS
SW-1	6/19/06	1750	G	N	SW	1			1		5		✓	✓	✓	✓	✓	✓	✓	✓	✓	

QC Deliverables: ___ None ✓ Level 2 (Batch QC) ___ Level 3 ___ Level 4 Other: ___

NPF2792
06/30/06 23:59

Special Instructions:
STORM WATER RUNOFF FOR OUTFALL 001

Relinquished By:	Date:	Time:	Received By:	Date:	Time:
[signature]	6/20/06	1500			
			[signature]	6/21/06	8:00

LABORATORY COMMENTS:
Init Lab Temp:
Rec Lab Temp:
Custody Seals: Y N N/A
Bottles Supplied by Test America: Y N
Method of Shipment:

TestAmerica
ANALYTICAL TESTING CORPORATION

NASHVILLE ALERT FORM FOR SAMPLE LOGIN

This form is to be emailed only to the appropriate parties. The email will serve as the document control of the date and time received/sent.

ALERT INFORMATION

Project TAT **DAY** **Documentation Level: II III IV**

Client Name:	**Earth Env.**
Client Number:	**8487**
Project Name:	**Franklin County Landfill**
Project Number:	
Date to receive cooler:	**6/21/06**
How many samples are there?	**1**
Matrix?	**Water**
What tests will be on the COC?	**BOD**
Will a copy of the COC be faxed?	YES or **NO** Please highlight or circle the appropriate answer.
Is this Project TAT Pre-Approved?	**YES** or NO Please highlight/circle the appropriate answer. Login, for pre-approved projects, please answer demographic "Approved Rush (YES)?" (60271) for every sample

PURPOSE OF THIS ALERT:

Heads up for incoming project: The BOD sample was collected on the 19th at 17:50.

Or

Project changes prior to sample login:

LOGIN: REMEMBER TO ALWAYS PRINT CLIENT NOTES, WHEN APPLICABLE.

Project Manager & Extension:

End of Form

TABLE 1
SUMMARY OF DETECTED ORGANIC CONSTITUENTS
FRANKLIN COUNTY LANDFILL

Constituent GPS [µg/L]	Date	Concentration (µg/L) DL	QL	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-6R	MW-11	MW-12	MW-13	MW-14	Blanks
Acetone	11/30/93	100	—	ND	ND	ND	ND	ND	ND	—	—	—	—	—	—
[224]	01/25/94	100	—	ND	ND	ND	ND	ND	ND	—	—	—	—	—	—
	08/10/94	100	—	ND	ND	ND	ND	ND	ND	—	—	—	—	—	—
	10/18/94	100	—	ND	ND	ND	ND	ND	ND	—	—	—	—	—	—
	11/09/94	100	—	ND	ND	ND	ND	ND	ND	—	—	—	—	—	—
	03/18/95	100	—	ND	ND	ND	ND	ND	ND	—	—	—	—	—	—
	11/10/95	100	—	—	ND	ND	ND	ND	ND	—	—	—	—	—	—
	02/01/96	100	—	—	—	—	—	—	—	—	ND	ND	ND	—	—
	02/29/96	10	—	—	—	—	—	—	—	—	ND	ND	ND	—	—
	04/02/96	10	—	—	—	—	—	—	—	—	ND	ND	ND	—	—
	05/17/96	10	—	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	—
	11/17/96	35	100	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	—
	05/01/97	35	100	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	—
	10/30/97	35	100	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	—
	05/07/98	35	100	—	ND	ND	1.7 J	ND	ND	—	ND	ND	ND	—	—
	11/03/98	—	10	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	05/10/99	—	10	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	09/30/99	4.9	10	—	ND	ND	ND	43.6	ND	—	ND	ND	ND	—	ND
	05/03/00	6	24	—	14 B	ND	ND	ND	ND	—	ND	ND	25 B	—	29
	11/30/00	0.9	1	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	05/10/01	0.9	1	—	10 B	6.4 B	3.5 B	16 B	ND	—	ND	ND	ND	—	18
	10/09/01	1	2	—	ND	ND	ND	14	ND	—	ND	ND	ND	—	ND
	05/13/02	1	2	—	ND	ND	ND	ND	—	ND	ND	ND	ND	20	ND
	11/18/02	1	2	—	9 B	ND	ND	ND	—	ND	ND	ND	2 B	8 B	4
	05/20/03	1	2	—	4 B	ND	ND	8 B	—	5 B	4 B	3 B	ND	ND	10
	11/10/03	1	2	—	5 B	4 B	2 B	11 B	—	4 B	2 B	4 B	6 B	4 B	10
	05/20/04	2	2	—	ND	ND	ND	4 B	—	ND	ND	ND	ND	ND	15
	11/15/04	3	5	—	4 J	ND	ND	18	—	ND	ND	ND	ND	ND	ND
	05/18/05	2	2	—	ND	ND	ND	9	—	ND	ND	ND	ND	ND	ND
	11/08/05	2	2	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
Acetone	05/05/06	1.2	2.0	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
Benzene	11/30/93	0.3	—	8	15.4	30.7	9.8	10.4	0.5 B	—	—	—	—	—	0.4
[5]	01/25/94	2.3	—	ND	13.3	35.3	8.4	14.7	ND	—	—	—	—	—	ND
	08/10/94	5	—	ND	14	15	6	11	ND	—	—	—	—	—	ND
	10/18/94	5	—	ND	11	19	6	11	ND	—	—	—	—	—	ND
	11/09/94	5	—	5	13	23	ND	13	ND	—	—	—	—	—	ND
	03/18/95	5	—	ND	11	18	8	14	ND	—	—	—	—	—	ND
	11/10/95	1	—	—	7.3	13	3.5	4.3	ND	—	—	—	—	—	ND
	02/01/96	5	—	—	—	—	—	—	—	—	ND	ND	ND	—	ND
	02/29/96	5	—	—	—	—	—	—	—	—	ND	ND	ND	—	ND
	04/02/96	5	—	—	—	—	—	—	—	—	ND	ND	ND	—	ND
	05/17/96	5	—	—	18	31	6	27	ND	—	ND	ND	ND	—	ND
	11/17/96	0.35	5	—	6.6	17	2.2 J	11	ND	—	ND	ND	ND	—	ND
	05/01/97	0.35	5	—	8.3	19	ND	10	ND	—	ND	ND	ND	—	ND
	10/30/97	0.35	5	—	11	16	1.7 J	9	ND	—	ND	ND	ND	—	ND
	05/07/98	0.35	5	—	5.8	18	ND	12	ND	—	ND	ND	ND	—	—
	11/03/98	—	2	—	7.8	15.1	ND	9.6	ND	—	ND	ND	ND	—	ND
	05/10/99	—	2	—	5.1	11	ND	10.3	ND	—	ND	ND	ND	—	ND
	09/30/99	0.4	1	—	3.7	6.7	2.5	6	ND	—	ND	ND	ND	—	ND
	05/03/00	0.4	1.6	—	2.8	6.3	ND	6	2.8	—	ND	ND	1.6	—	ND
	11/30/00	0.1	1	—	3	9.4	2.6	8	3.3	—	ND	ND	1.4	—	ND
	05/10/01	0.1	1	—	3.2	8.6	2.4	9.6	4.6	—	ND	ND	1.2	—	ND
	10/09/01	0.3	1	—	2.2	8.4	ND	7.8	3.9	—	ND	ND	ND	—	ND
	05/13/02	0.3	1	—	3.1	6.4	ND	9.4	—	ND	ND	ND	1.2	ND	ND
	11/18/02	0.3	1	—	2.9	4.5	2.2	[illegible]	—	ND	ND	ND	1.3	ND	ND
	05/20/03	0.3	1	—	1.8	[illegible]	2	[illegible]	—	ND	ND	ND	1.3	ND	ND
	11/10/03	0.3	1	—	4.7	[illegible]	2.4	[illegible]	—	ND	ND	ND	1	ND	ND
	05/20/04	0.3	1	—	2.8	[illegible]	1.4	[illegible]	—	ND	ND	ND	ND	ND	ND
	11/15/04	0.1	1	—	3.5	[illegible]	3.6	[illegible]	—	ND	0.6 J	ND	0.8 J	ND	ND
	05/18/05	0.3	1	—	3	[illegible]	2	[illegible]	—	ND	0.5 J	ND	0.4 J	ND	ND
	11/08/05	0.3	1	—	2	[illegible]	2	5	—	ND	ND	ND	0.6 J	ND	ND
Benzene	05/05/06	0.2	1.0	—	4.8	4.2	2.0	435.0	—	ND	1.6	ND	ND	ND	ND
Carbon tetrachloride	11/30/93	1.3	—	ND	ND	ND	ND	ND	ND	—	—	—	—	—	—
[9]	01/25/94	1.1	—	ND	ND	ND	ND	ND	ND	—	—	—	—	—	—
	08/10/94	5	—	ND	ND	ND	ND	ND	ND	—	—	—	—	—	—
	10/18/94	5	—	ND	ND	ND	ND	ND	ND	—	—	—	—	—	—
	11/09/94	5	—	ND	ND	ND	ND	ND	ND	—	—	—	—	—	—
	03/18/95	10	—	ND	ND	ND	ND	ND	ND	—	—	—	—	—	—
	11/10/95	1	—	—	ND	ND	ND	ND	ND	—	—	—	—	—	—
	02/01/96	10	—	—	—	—	—	—	—	—	ND	ND	ND	—	—
	02/29/96	5	—	—	—	—	—	—	—	—	ND	ND	ND	—	—
	04/02/96	5	—	—	—	—	—	—	—	—	ND	ND	ND	—	—
	05/17/96	5	—	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	—
	11/17/96	0.25	5	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	—
	05/01/97	—	1	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	—
	10/30/97	0.06	1	—	0.16 J	ND	ND	ND	0.07 J	—	0.09 J	ND	ND	—	—
	05/07/98	0.06	1	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	—
	11/03/98	—	2	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	05/10/99	—	2	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	09/30/99	0.4	1	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	05/03/00	0.6	2.4	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	11/30/00	0.1	1	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	05/10/01	0.1	1	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	10/09/01	0.6	1	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	05/13/02	0.6	1	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/18/02	0.8	1	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	05/20/03	0.6	1	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/10/03	0.6	1	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	05/20/04	0.4	1	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/15/04	0.2	1	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	05/18/05	0.4	1	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/08/05	0.4	1	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	05/05/06	0.2	1.0	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
Chlorobenzene	11/30/93	0.3	—	ND	1.5	9.2	1.5	2.3	ND	—	—	—	—	—	ND
[100]	01/25/94	10	—	ND	ND	ND	ND	ND	ND	—	—	—	—	—	ND
	08/10/94	5	—	ND	ND	ND	ND	ND	ND	—	—	—	—	—	ND
	10/18/94	5	—	ND	ND	12	ND	ND	ND	—	—	—	—	—	ND
	11/09/94	5	—	ND	ND	9	ND	ND	ND	—	—	—	—	—	ND
	03/18/95	5	—	ND	ND	14	ND	ND	ND	—	—	—	—	—	ND
	11/10/95	1	—	—	1.5	17.9	ND	ND	ND	—	—	—	—	—	ND
	02/01/96	5	—	—	—	—	—	—	—	—	ND	ND	ND	—	ND
	02/29/96	5	—	—	—	—	—	—	—	—	ND	ND	ND	—	ND
	04/02/96	5	—	—	—	—	—	—	—	—	ND	ND	ND	—	ND
	05/17/96	5	—	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	11/17/96	0.35	5	—	2.8 J	28	ND	3.7 J	ND	—	ND	ND	ND	—	ND
	05/01/97	0.16	5	—	1.4 J	24	ND	3.8 J	ND	—	ND	ND	ND	—	ND
	10/30/97	0.16	5	—	1.2 J	14	ND	3.3 J	ND	—	ND	ND	ND	—	ND
	05/07/98	0.16	5	—	2.9 J	40	ND	4.4 J	ND	—	ND	ND	ND	—	—
	11/03/98	—	2	—	2.3	17.3	ND	3.8	ND	—	ND	ND	ND	—	ND
	05/10/99	—	2	—	3.3	17	ND	4.4	ND	—	ND	ND	ND	—	ND
	09/30/99	0.4	1	—	ND	9.5	ND	3	ND	—	ND	ND	ND	—	ND
	05/03/00	0.4	1.6	—	2	20	ND	2.5	ND	—	ND	ND	ND	—	ND
	11/30/00	0.1	1	—	3.2	18	ND	3.9	ND	—	ND	ND	ND	—	ND
	05/10/01	0.1	1	—	3.9	27	ND	5.2	ND	—	ND	ND	ND	—	ND
	10/09/01	0.5	1	—	ND	26	ND	ND	ND	—	ND	ND	ND	—	ND
	05/13/02	0.5	1	—	ND	12	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/18/02	0.5	1	—	3.4	8.1	ND	6.1	—	ND	ND	ND	ND	ND	ND
	05/20/03	0.5	1	—	5.2	36	1	ND	—	ND	ND	ND	ND	ND	ND
	11/10/03	0.5	1	—	2 J	21	1.5	8.1	—	ND	ND	ND	ND	ND	ND
	05/20/04	0.3	1	—	2.4	36	1 J	6.3	—	ND	ND	ND	ND	ND	ND
	11/15/04	0.1	1	—	3.8	35	1.9	8.2	—	ND	ND	ND	ND	ND	ND
	05/18/05	0.3	1	—	2	44	1	7	—	ND	ND	ND	ND	ND	ND
	11/08/05	0.3	1	—	ND	26	2	9	—	ND	ND	ND	ND	ND	ND
Chlorobenzene	05/05/06	0.3	1.0	—	2.2	43.8	1.7	6.9	—	ND	ND	ND	ND	ND	ND

RECEIVED OCT 2 2006 DEQ - WCRO

TABLE 1
SUMMARY OF DETECTED ORGANIC CONSTITUENTS
FRANKLIN COUNTY LANDFILL

Constituent / GPS [µg/L]	Date	DL	QL	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-6R	MW-11	MW-12	MW-13	MW-14	Blanks
		Concentration (µg/L)													
Chloroethane	11/30/93	1	—	ND	ND	ND	ND	ND	2.6	—	—	—	—	—	ND
[3.64]	01/25/94	4.6	—	ND	ND	ND	ND	ND	ND	—	—	—	—	—	ND
	08/10/94	10	—	ND	ND	29	ND	11	ND	—	—	—	—	—	ND
	10/18/94	10	—	ND	ND	ND	ND	ND	ND	—	—	—	—	—	ND
	11/09/94	10	—	ND	ND	32	ND	ND	ND	—	—	—	—	—	ND
	05/18/95	10	—	ND	ND	ND	ND	ND	ND	—	—	—	—	—	ND
	11/10/95	1	—	—	1.2	28.2	4.7	9.2	ND	—	—	—	—	—	ND
	02/01/96	10	—	—	—	—	—	—	—	—	ND	ND	ND	—	ND
	02/29/96	10	—	—	—	—	—	—	—	—	ND	ND	ND	—	ND
	04/02/96	10	—	—	—	—	—	—	—	—	ND	ND	ND	—	ND
	05/17/96	10	—	—	ND	ND	ND	61	ND	—	ND	ND	ND	—	ND
	11/17/96	2	10	—	ND	8.4 J	ND	7.4 J	ND	—	ND	ND	ND	—	ND
	05/01/97	2	10	—	ND	11	ND	6.9 J	ND	—	ND	ND	ND	—	ND
	10/30/97	2	10	—	ND	12	2.2 J	7.4	ND	—	ND	ND	1.3 J	—	ND
	05/07/98	2	10	—	ND	5.8 J	ND	6.3 J	ND	—	ND	ND	ND	—	—
	11/05/98	—	2	—	ND	10.9	2.7	6.7	ND	—	ND	ND	ND	—	ND
	05/10/99	—	2	—	ND	6.6	ND	5.6	ND	—	ND	ND	ND	—	ND
	09/30/99	0.5	1	—	ND	3.6	ND	4.1	2	—	ND	ND	ND	—	ND
	05/03/00	2	5	—	ND	3 J	ND	3 J	3 J	—	ND	ND	ND	—	ND
	11/30/00	0.6	1	—	ND	4	ND	3.8	2.9	—	ND	ND	ND	—	ND
	05/10/01	0.6	1	—	ND	4.2	1.2	5.5	4.4	—	ND	ND	ND	—	ND
	10/09/01	0.9	1	—	ND	4.7	ND	4.8	4.4	—	ND	ND	ND	—	ND
	05/13/02	0.9	1	—	ND	3.3	ND	3.9	—	ND	1.8	ND	ND	ND	ND
	11/18/02	0.9	1	—	ND	1.7	ND	3.5	—	ND	1.9	ND	ND	ND	ND
	05/20/03	0.9	1	—	ND	1.9	ND	2.3	—	ND	ND	ND	ND	ND	ND
	11/10/03	0.9	1	—	ND	3.4	ND	2.6	—	ND	ND	ND	ND	ND	ND
	05/20/04	0.5	1	—	ND	2.1	ND	1.6	—	ND	0.6 J	ND	ND	ND	ND
	11/15/04	0.5	1	—	ND	2.4	ND	1.9	—	ND	1.2	ND	0.6 J	ND	ND
	05/18/05	0.5	1	—	ND	2	ND	1 J	—	ND	ND	ND	ND	ND	ND
	11/08/05	0.5	1	—	ND	ND	ND	[illegible]	—	ND	ND	ND	ND	ND	ND
Chloroethane	05/03/06	0.4	1.0	—	ND	1.0	ND	1.0	—	ND	1.7	ND	ND	ND	ND
1,2-Dichlorobenzene	11/30/93	0.5	—	ND	2.3	0.8	ND	2.1	ND	—	—	—	—	—	ND
[600]	01/25/94	2	—	ND	ND	ND	ND	ND	ND	—	—	—	—	—	ND
	08/10/94	5	—	ND	ND	ND	ND	ND	ND	—	—	—	—	—	ND
	10/18/94	5	—	ND	ND	ND	ND	ND	ND	—	—	—	—	—	ND
	11/09/94	5	—	ND	ND	ND	ND	ND	ND	—	—	—	—	—	ND
	05/18/95	5	—	ND	ND	ND	ND	ND	ND	—	—	—	—	—	ND
	11/10/95	1	—	—	ND	ND	ND	ND	ND	—	—	—	—	—	ND
	02/01/96	10	—	—	—	—	—	—	—	—	ND	ND	ND	—	ND
	02/29/96	5	—	—	—	—	—	—	—	—	ND	ND	ND	—	ND
	04/02/96	5	—	—	—	—	—	—	—	—	ND	ND	ND	—	ND
	05/17/96	5	—	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	11/17/96	0.26	5	—	ND	0.77 J	ND	0.64 J	ND	—	ND	ND	ND	—	ND
	05/01/97	1.4	10	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	10/30/97	0.26	5	—	ND	1.1 J	ND	ND	ND	—	ND	ND	ND	—	ND
	05/07/98	1.4	10	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	—
	11/05/98	—	2	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	05/10/99	—	2	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	09/30/99	0.5	1	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	05/03/00	0.7	2.8	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	11/30/00	0.1	1	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	05/10/01	0.1	1	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	10/09/01	0.7	1	—	ND	0.7 J	ND	ND	ND	—	ND	ND	ND	—	ND
	05/13/02	0.7	1	—	1.5	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/18/02	0.7	1	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	05/20/03	0.7	1	—	ND	ND	ND	0.9 J	—	ND	ND	ND	ND	ND	ND
	11/10/03	0.7	1	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	05/20/04	0.3	1	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/15/04	0.3	1	—	0.6 J	0.6 J	ND	0.6 J	—	ND	ND	ND	ND	ND	ND
	05/18/05	0.3	1	—	ND	0.6 J	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/08/05	0.3	1	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	05/03/06	0.3	1.0	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	11/30/93	0.4	—	3.5 B	11.8 B	24.5	7.2 B	3.4 B	ND	—	—	—	—	—	4.8
[75]	01/25/94	10	—	ND	ND	21.7	ND	ND	ND	—	—	—	—	—	ND
	08/10/94	5	—	ND	14	30	ND	7	ND	—	—	—	—	—	ND
	10/18/94	5	—	ND	11	28	ND	9	ND	—	—	—	—	—	ND
	11/09/94	5	—	ND	11	22	ND	9	ND	—	—	—	—	—	ND
	05/18/95	10	—	ND	8	28	ND	9	ND	—	—	—	—	—	ND
	11/10/95	1	—	—	4.8	24.9	ND	ND	ND	—	—	—	—	—	ND
	02/01/96	10	—	—	—	—	—	—	—	—	ND	ND	ND	—	ND
	02/29/96	5	—	—	—	—	—	—	—	—	ND	ND	ND	—	ND
	04/02/96	5	—	—	—	—	—	—	—	—	ND	ND	ND	—	ND
	05/17/96	5	—	—	ND	18	ND	ND	ND	—	ND	ND	ND	—	ND
	11/17/96	0.26	5	—	7.7	33	1.7 J	6.6	ND	—	ND	ND	ND	—	ND
	05/01/97	0.82	10	—	ND	22	ND	4.8 J	ND	—	ND	ND	ND	—	ND
	10/30/97	0.26	5	—	11	28	ND	6.4	ND	—	ND	ND	ND	—	ND
	05/07/98	0.82	10	—	ND	29	ND	ND	ND	—	ND	ND	ND	—	—
	11/05/98	—	2	—	12	29	ND	8.2	ND	—	ND	ND	ND	—	ND
	05/10/99	—	2	—	10.3	27.4	ND	12.1	ND	—	ND	ND	ND	—	ND
	09/30/99	0.3	1	—	9.2	19.5	ND	6.6	ND	—	ND	ND	ND	—	ND
	05/03/00	0.8	3.2	—	6.7	30	ND	7.4	ND	—	ND	ND	ND	—	ND
	11/30/00	0.1	1	—	10	29	ND	11	ND	—	ND	ND	ND	—	ND
	05/10/01	0.1	1	—	12	29	ND	14	ND	—	ND	ND	ND	—	ND
	10/09/01	0.5	1	—	ND	29	ND	ND	ND	—	ND	ND	ND	—	ND
	05/13/02	0.5	1	—	12	18	ND	14	—	ND	ND	ND	ND	ND	ND
	11/18/02	0.5	1	—	8.7	14	3.7	13	—	ND	ND	ND	ND	ND	ND
	05/20/03	0.5	1	—	10	32	3	19	—	ND	ND	ND	ND	ND	ND
	11/10/03	0.5	1	—	11	22	3.5	18	—	ND	ND	ND	ND	ND	ND
	05/20/04	0.3	1	—	9.1	22	2.7	15	—	ND	ND	ND	ND	ND	ND
	11/15/04	0.2	1	—	13	25	5.8	17	—	ND	ND	ND	ND	ND	ND
	05/18/05	0.3	1	—	13	26	5	15	—	ND	ND	ND	ND	ND	ND
	11/08/05	0.3	1	—	16	35	6	25	—	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	05/03/06	0.3	1.0	—	10.4	25.5	3.2	12.1	—	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	11/30/93	1	—	ND	8	2.4	2.6	3	1.3	—	—	—	—	—	ND
[125]	01/25/94	5	—	ND	ND	ND	ND	ND	ND	—	—	—	—	—	ND
	08/10/94	10	—	ND	ND	ND	ND	ND	ND	—	—	—	—	—	ND
	10/18/94	10	—	ND	ND	ND	ND	ND	ND	—	—	—	—	—	ND
	11/09/94	10	—	ND	ND	ND	ND	ND	ND	—	—	—	—	—	ND
	05/18/95	10	—	ND	ND	ND	ND	ND	ND	—	—	—	—	—	ND
	11/10/95	1	—	—	10.8	3	ND	2.6	3	—	—	—	—	—	ND
	02/01/96	5	—	—	—	—	—	—	—	—	ND	ND	ND	—	ND
	02/29/96	10	—	—	—	—	—	—	—	—	ND	ND	19	—	ND
	04/02/96	10	—	—	—	—	—	—	—	—	ND	ND	ND	—	ND
	05/17/96	10	—	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	11/17/96	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/01/97	1.1	10	—	ND	ND	ND	ND	ND	—	ND	ND	11	—	ND
	10/30/97	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/07/98	1.1	10	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	11/05/98	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/10/99	—	2	—	4.4	ND	ND	ND	ND	—	5.4	ND	8.6	—	ND
	09/30/99	0.2	1	—	ND	ND	ND	ND	ND	—	2.3	ND	4.5	—	ND
	05/03/00	1	4	—	8	ND	ND	ND	2 J	—	6	ND	11	—	ND
	11/30/00	0.3	1	—	2.7	ND	ND	ND	1.8	—	3.3	ND	4.4	—	—
	05/10/01	0.3	1	—	ND	ND	ND	ND	ND	—	ND	ND	7.1	—	ND
	10/09/01	0.5	1	—	2.2	1.3	ND	ND	ND	—	ND	ND	ND	—	ND
	05/13/02	0.5	1	—	7	1.7	ND	ND	—	ND	2.6	ND	6.4	ND	ND
	11/18/02	0.5	1	—	3.7	ND	ND	ND	—	ND	1.2	ND	3	ND	ND
	05/20/03	0.5	1	—	2.5	ND	ND	ND	—	ND	ND	ND	4.4	3.6	ND
	11/10/03	0.5	1	—	ND	ND	ND	ND	—	ND	1.3	1.1	3.1	2.2	ND
	05/20/04	0.2	1	—	1.5	ND	ND	ND	—	ND	1	ND	1.7	1.6	ND
	11/15/04	0.2	1	—	2.5	ND	ND	ND	—	0.6 J	1	1.4	2.5	1.9	ND
	05/18/05	0.2	1	—	1	0.3 J	ND	ND	—	ND	0.5 J	ND	1	0.9 J	ND
	11/08/05	0.2	1	—	6	ND	ND	ND	—	0.8 J	5	1	3	2	ND
Dichlorodifluoromethane	05/03/06	0.3	1.0	—	1.6	ND	ND	ND	—	ND	1.1	ND	1.9	1.2	ND

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TABLE 1
SUMMARY OF DETECTED ORGANIC CONSTITUENTS
FRANKLIN COUNTY LANDFILL

Constituent GPB [µg/L]	Date	DL	QL	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-6R	MW-11	MW-12	MW-13	MW-14	Blanks
		Concentration (µg/L)													
1,1-Dichloroethane [296]	11/30/93	0.7	—	ND	5	ND	9.9	53.6	0.8	—	—	—	—	—	ND
	01/25/94	3.2	—	55.9	8.9	ND	7.3	51.2	ND	—	—	—	—	—	ND
	08/10/94	5	—	23	ND	8	ND	35	ND	—	—	—	—	—	ND
	10/18/94	5	—	22	ND	6	ND	34	ND	—	—	—	—	—	ND
	11/09/94	5	—	32	6	5	ND	30	ND	—	—	—	—	—	ND
	05/18/95	5	—	13	9	7	ND	32	ND	—	—	—	—	—	ND
	11/10/95	1	—	—	8	ND	1.6	19.6	ND	—	—	—	—	—	ND
	02/01/96	5	—	—	—	—	—	—	—	—	ND	ND	ND	—	ND
	02/29/96	5	—	—	—	—	—	—	—	—	ND	ND	ND	—	ND
	04/02/96	5	—	—	—	—	—	—	—	—	ND	ND	ND	—	ND
	05/17/96	5	—	—	10	5	ND	31	ND	—	ND	ND	ND	—	ND
	11/17/96	0.18	5	—	11	5.4	ND	22	ND	—	ND	ND	ND	—	ND
	05/01/97	0.18	5	—	3.2 J	6.5	ND	19	ND	—	ND	ND	ND	—	ND
	10/30/97	0.18	5	—	2.7 J	6.8	ND	16	ND	—	ND	ND	1.8 J	—	ND
	05/07/98	0.18	5	—	6.5	4.7 J	ND	18	ND	—	ND	ND	ND	—	—
	11/03/98	—	2	—	4.4	6.9	ND	15.3	ND	—	ND	ND	ND	—	ND
	05/10/99	—	2	—	9.6	5.2	ND	13.9	ND	—	ND	ND	2.3	—	ND
	09/30/99	0.2	1	—	8.7	4.5	ND	10.5	4.2	—	ND	ND	2.2	—	ND
	05/03/00	1	4	—	10.	4 J	ND	11	8	—	2 J	ND	3 J	—	ND
	11/30/00	0.2	1	—	11	5.8	1.2	9.6	7.2	—	1.8	ND	2	—	ND
	05/10/01	0.2	1	—	19	4.8	1.4	11	10	—	2.7	ND	2.3	—	ND
	10/09/01	0.3	1	—	7.1	5.4	1.6	8.5	9.5	—	2.4	ND	1.4	—	ND
	05/13/02	0.3	1	—	13	4.6	1	9.8	—	1.7	2.9	ND	2.1	ND	ND
	11/18/02	0.3	1	—	13	4	2.2	10	—	2.1	3.8	ND	2.6	ND	ND
	05/20/03	0.3	1	—	9.5	3.2	1.6	6	—	1.9	1.2	ND	2.5	ND	ND
	11/10/03	0.3	1	—	1.9 J	6.2	2.1	6.3	—	2	1.2	ND	2.1	ND	ND
	05/20/04	0.2	1	—	2.2	4.1	0.8 J	4.7	—	1.6	1.6	ND	0.9 J	ND	ND
	11/15/04	0.3	1	—	2.7	3.9	1.4	4.7	—	1.4	2.2	ND	1.3	0.6 J	ND
	05/18/05	0.2	1	—	ND	3	1	3	—	2	3	ND	1	ND	ND
	11/08/05	0.2	1	—	ND	5	1	5	—	2	18	ND	1	ND	ND
1,1-Dichloroethane	05/05/06	0.4	1.0	—	1.0	1.6	ND	2.7	—	ND	5.5	ND	ND	ND	ND
1,2-Dichloroethane [5]	11/30/93	0.3	—	1.1	ND	0.5	ND	ND	ND	—	—	—	—	—	ND
	01/25/94	1	—	ND	ND	ND	ND	ND	ND	—	—	—	—	—	ND
	08/10/94	5	—	ND	ND	ND	ND	ND	ND	—	—	—	—	—	ND
	10/18/94	5	—	ND	ND	ND	ND	ND	ND	—	—	—	—	—	ND
	11/09/94	5	—	ND	ND	ND	ND	ND	ND	—	—	—	—	—	ND
	05/18/95	5	—	ND	ND	ND	ND	ND	ND	—	—	—	—	—	ND
	11/10/95	1	—	—	ND	ND	ND	ND	ND	—	—	—	—	—	ND
	02/01/96	5	—	—	—	—	—	—	—	—	ND	ND	ND	—	ND
	02/29/96	5	—	—	—	—	—	—	—	—	ND	ND	ND	—	ND
	04/02/96	5	—	—	—	—	—	—	—	—	ND	ND	ND	—	ND
	05/17/96	5	—	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	11/17/96	0.69	5	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	05/01/97	0.69	5	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	10/30/97	0.69	5	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	05/07/98	0.69	5	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	—
	11/03/98	—	2	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	05/10/99	—	2	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	09/30/99	0.1	1	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	05/03/00	0.3	1.2	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	11/30/00	0.1	1	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	05/10/01	0.1	1	—	ND	ND	ND	1	ND	—	ND	ND	ND	—	ND
	10/09/01	0.8	1	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	05/13/02	0.8	1	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/18/02	0.8	1	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	05/20/03	0.8	1	—	ND	ND	ND	1 J	—	ND	ND	ND	ND	ND	ND
	11/10/03	0.8	1	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	05/20/04	0.9	1	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/15/04	0.3	1	—	ND	0.3 J	ND	0.7 J	—	ND	ND	ND	ND	ND	ND
	05/18/05	0.9	1	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/08/05	0.9	1	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	7
1,2-Dichloroethane	05/05/06	0.4	1.0	—	ND	ND	ND	1.0	—	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene [70]	11/30/93	0.7	—	95.6	192	ND	ND	0.7	ND	—	—	—	—	—	ND
	01/25/94	1	—	89.8	183	ND	ND	62.5	ND	—	—	—	—	—	ND
	08/10/94	5	—	36	183	36	ND	25	ND	—	—	—	—	—	ND
	10/18/94	5	—	55	181	ND	ND	25	ND	—	—	—	—	—	ND
	11/09/94	5	—	53	86	ND	ND	33	ND	—	—	—	—	—	ND
	05/18/95	5	—	22	32	ND	ND	38	ND	—	—	—	—	—	ND
	11/10/95	1	—	—	21.4	ND	ND	14.2	ND	—	—	—	—	—	ND
	02/01/96	5	—	—	—	—	—	—	—	—	ND	ND	ND	—	ND
	02/29/96	5	—	—	—	—	—	—	—	—	ND	ND	ND	—	ND
	04/02/96	5	—	—	—	—	—	—	—	—	ND	ND	ND	—	ND
	05/17/96	5	—	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	11/17/96	0.13	5	—	17	ND	ND	22	ND	—	ND	ND	ND	—	ND
	05/01/97	0.13	5	—	330	ND	ND	21	ND	—	ND	ND	ND	—	ND
	10/30/97	0.13	5	—	510	ND	ND	19	ND	—	ND	ND	1.2 J	—	ND
	05/07/98	0.13	5	—		ND	ND	26	ND	—	ND	ND	ND	—	—
	11/03/98	—	2	—	221	ND	ND	23.7	ND	—	ND	ND	ND	—	ND
	05/10/99	—	2	—	51.6	ND	ND	23.4	ND	—	ND	ND	2.2	—	ND
	09/30/99	0.3	1	—	2.8	ND	ND	14.5	ND	—	ND	ND	ND	—	ND
	05/03/00	0.8	3.2	—	1.5 J	ND	ND	16	ND	—	ND	ND	2.1 J	—	ND
	11/30/00	0.1	1	—	1.6	ND	ND	16	ND	—	ND	ND	2.5	—	ND
	05/10/01	0.1	1	—	3.1	ND	ND	20	1.1	—	ND	ND	2.4	—	ND
	10/09/01	1	1	—	ND	ND	1	16	ND	—	ND	ND	2	—	ND
	05/13/02	1	1	—	3	ND	ND	20	—	ND	ND	ND	2	ND	ND
	11/18/02	1	1	—	2	ND	ND	23	—	ND	ND	ND	3	ND	ND
	05/20/03	1	1	—	2	ND	2	23	—	ND	ND	ND	3	ND	ND
	11/10/03	1	1	—	[redacted]	ND	2	22	—	ND	ND	ND	2	ND	ND
	05/20/04	0.4	1	—	[redacted]	ND	1.6	15	—	ND	ND	ND	1.4	ND	ND
	11/15/04	0.3	1	—	53	ND	1.4	15	—	ND	ND	ND	1.2	0.5 J	ND
	05/18/05	0.4	1	—	[redacted]	ND	1	12	—	ND	ND	ND	0.9 J	ND	ND
	11/08/05	0.4	1	—	[redacted]	ND	2	7	—	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	05/05/06	0.2	1.0	—	150	ND	ND	5.8	—	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene [100]	11/30/93	0.7	—	0.8	2.5	ND	ND	0.7	ND	—	—	—	—	—	ND
	01/25/94	1	—	ND	ND	ND	ND	ND	ND	—	—	—	—	—	ND
	08/10/94	5	—	ND	ND	ND	ND	ND	ND	—	—	—	—	—	ND
	10/18/94	5	—	ND	ND	ND	ND	ND	ND	—	—	—	—	—	ND
	11/09/94	5	—	ND	ND	ND	ND	ND	ND	—	—	—	—	—	ND
	05/18/95	5	—	ND	ND	ND	ND	ND	ND	—	—	—	—	—	ND
	11/10/95	1	—	ND	ND	ND	ND	ND	ND	—	—	—	—	—	ND
	02/01/96	5	—	—	—	—	—	—	—	—	ND	ND	ND	—	ND
	02/29/96	5	—	—	—	—	—	—	—	—	ND	ND	ND	—	ND
	04/02/96	5	—	—	—	—	—	—	—	—	ND	ND	ND	—	ND
	05/17/96	5	—	—	16	ND	ND	46	ND	—	ND	ND	ND	—	ND
	11/17/96	0.4	5	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	05/01/97	0.4	5	—	2.4 J	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	10/30/97	0.4	5	—	3.1 J	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	05/07/98	0.4	5	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	—
	11/03/98	—	2	—	2.2	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	05/10/99	—	2	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	09/30/99	0.4	1	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	05/03/00	1	4	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	11/30/00	0.2	1	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	05/10/01	0.2	1	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	10/09/01	0.6	1	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	05/13/02	0.6	1	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/18/02	0.6	1	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	05/20/03	0.6	1	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/10/03	0.6	1	—	1.7 J	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	05/20/04	0.2	1	—	1.2	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/15/04	0.8	1	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	05/18/05	0.2	1	—	0.7 J	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/08/05	0.2	1	—	8	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	05/05/06	0.4	1.0	—	0.9 J	ND	ND	ND	—	ND	ND	ND	ND	ND	ND

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OCT 12 2006
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TABLE 1
SUMMARY OF DETECTED ORGANIC CONSTITUENTS
FRANKLIN COUNTY LANDFILL

Constituent GPS [µg/L]	Date	Concentration (µg/L)													
		DL	QL	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-6R	MW-11	MW-12	MW-13	MW-14	Blanks
1,2-Dichloropropane	11/30/93	0.3	—	0.3	2.4	0.7	0.6	0.4	ND	—	—	—	—	—	ND
[5]	01/25/94	3.8	—	ND	ND	ND	ND	ND	ND	—	—	—	—	—	ND
	08/10/94	5	—	ND	ND	ND	ND	ND	ND	—	—	—	—	—	ND
	10/18/94	5	—	ND	ND	ND	ND	ND	ND	—	—	—	—	—	ND
	11/09/94	5	—	ND	ND	ND	ND	ND	ND	—	—	—	—	—	ND
	05/18/95	5	—	ND	ND	ND	ND	ND	ND	—	—	—	—	—	ND
	11/10/95	1	—	—	1.7	1.01	ND	ND	ND	—	—	—	—	—	ND
	02/01/96	5	—	—	—	—	—	—	—	—	ND	ND	ND	—	ND
	02/29/96	5	—	—	—	—	—	—	—	—	ND	ND	ND	—	ND
	04/02/96	5	—	—	—	—	—	—	—	—	ND	ND	ND	—	ND
	05/17/96	5	—	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	11/17/96	0.32	5	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	05/01/97	0.32	5	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	10/30/97	0.32	5	—	1.4 J	1.5 J	ND	ND	ND	—	ND	ND	ND	—	ND
	05/07/98	0.32	5	—	1.1 J	ND	ND	ND	ND	—	ND	ND	ND	—	—
	11/05/98	—	2	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	05/10/99	—	2	—	2.1	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	09/30/99	0.4	1	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	05/23/00	0.5	2	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	11/30/00	0.1	1	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	05/10/01	0.1	1	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	10/09/01	0.5	1	—	1.1	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	05/13/02	0.5	1	—	2.5	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/18/02	0.5	1	—	2.2	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	05/20/03	0.5	1	—	0.9 J	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/10/03	0.5	1	—	ND	1	ND	ND	—	ND	ND	ND	ND	ND	ND
	05/20/04	0.6	1	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/15/04	0.2	1	—	0.8 J	0.6 J	0.5 J	ND	—	ND	ND	ND	ND	ND	ND
	05/18/05	0.6	1	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/08/05	0.6	1	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	05/05/06	0.2	1.0	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
Ethylbenzene	11/30/93	0.2	—	3	7.6	17.2	ND	43	ND	—	—	—	—	—	ND
[700]	01/25/94	1.7	—	ND	2	20.2	ND	53	ND	—	—	—	—	—	ND
	08/10/94	5	—	ND	ND	ND	ND	8	ND	—	—	—	—	—	ND
	10/18/94	5	—	ND	ND	14	ND	8	ND	—	—	—	—	—	ND
	11/09/94	5	—	ND	ND	ND	ND	9	ND	—	—	—	—	—	ND
	05/18/95	5	—	ND	ND	15	ND	11	ND	—	—	—	—	—	ND
	11/10/95	1	—	—	ND	12	ND	2.6	ND	—	—	—	—	—	ND
	02/01/96	5	—	—	—	—	—	—	—	—	ND	ND	ND	—	ND
	02/29/96	5	—	—	—	—	—	—	—	—	ND	ND	ND	—	ND
	04/02/96	5	—	—	—	—	—	—	—	—	ND	ND	ND	—	ND
	05/17/96	5	—	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	11/17/96	0.56	5	—	1.2 J	18	ND	7.1	ND	—	ND	ND	ND	—	ND
	05/01/97	0.56	5	—	2.4 J	17	ND	8	ND	—	ND	ND	ND	—	ND
	10/30/97	0.56	5	—	1.6 J	3.8 J	ND	7.4	ND	—	ND	ND	ND	—	ND
	05/07/98	0.56	5	—	1.1 J	29	ND	11	ND	—	ND	ND	ND	—	—
	11/05/98	—	2	—	ND	2.6	ND	7.7	ND	—	ND	ND	ND	—	ND
	05/10/99	—	2	—	ND	2.2	ND	12.5	ND	—	ND	ND	ND	—	ND
	09/30/99	0.2	1	—	ND	ND	ND	4.1	ND	—	ND	ND	ND	—	ND
	05/03/00	0.5	2	—	ND	ND	ND	4.8	ND	—	ND	ND	ND	—	ND
	11/30/00	0.1	1	—	ND	1.1	ND	6.6	ND	—	ND	ND	ND	—	ND
	05/10/01	0.1	1	—	ND	2	ND	7.8	ND	—	ND	ND	ND	—	ND
	10/09/01	0.5	1	—	ND	1.2	ND	4.1	ND	—	ND	ND	ND	—	ND
	05/13/02	0.5	1	—	ND	ND	ND	6.7	—	ND	ND	ND	ND	ND	ND
	11/18/02	0.5	1	—	ND	ND	ND	4.5	—	ND	ND	ND	ND	ND	ND
	05/20/03	0.5	1	—	ND	12	ND	36	—	ND	ND	ND	ND	ND	ND
	11/10/03	0.5	1	—	ND	2.4	ND	18	—	ND	ND	ND	ND	ND	ND
	05/20/04	0.2	1	—	ND	1.6	ND	15	—	ND	ND	ND	ND	ND	ND
	11/15/04	0.3	1	—	0.4 J	0.6 J	ND	11	—	ND	ND	ND	ND	ND	ND
	05/18/05	0.2	1	—	0.5 J	0.8 J	ND	12	—	ND	ND	ND	ND	ND	ND
	11/08/05	0.2	1	—	ND	ND	ND	7	—	ND	0.9 J	ND	ND	ND	ND
Ethylbenzene	05/05/06	0.1	1.0	—	ND	ND	ND	6.1	—	ND	ND	ND	ND	ND	ND
2-Hexanone	05/03/00	1	4	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
[5]	11/30/00	2	2	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	05/10/01	2	2	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	10/09/01	3	2	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	05/13/02	3	2	—	ND	ND	ND	ND	ND	—	ND	ND	ND	ND	ND
	11/18/02	3	2	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	05/20/03	3	2	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/10/03	3	2	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	05/20/04	0.7	2	—	ND	ND	ND	2.1	—	ND	ND	ND	ND	ND	ND
	11/15/04	2	5	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	05/18/05	0.7	2	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/08/05	0.7	2	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
2-Hexanone	05/05/06	0.5	2.0	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
Bromomethane	05/03/00	1	4	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
[3.13]	11/30/00	1	1	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	05/10/01	1	1	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	10/09/01	0.5	1	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	05/13/02	0.5	1	—	ND	ND	ND	ND	ND	—	ND	ND	ND	ND	ND
	11/18/02	0.5	1	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	05/20/03	0.5	1	—	5.9	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/10/03	0.5	1	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	05/20/04	0.5	1	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/15/04	1	1	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	05/18/05	0.5	1	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/08/05	0.5	1	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
Bromomethane	05/05/06	0.6	1.0	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
Methylene chloride	11/30/93	—	—	—	—	—	—	—	—	—	—	—	—	—	—
[5]	01/25/94	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	08/10/94	5	—	ND	ND	ND	ND	ND	ND	—	—	—	—	—	—
	10/18/94	5	—	ND	ND	ND	ND	ND	ND	—	—	—	—	—	—
	11/09/94	5	—	43	ND	22	ND	ND	ND	—	—	—	—	—	—
	05/18/95	10	—	ND	ND	ND	ND	ND	ND	—	—	—	—	—	ND
	11/10/95	1	—	—	9.3 B	10.7 B	10.2 B	7.2 B	5.6 B	—	—	—	—	—	9.3
	02/01/96	10	—	—	—	—	—	—	—	—	ND	ND	ND	—	ND
	02/29/96	10	—	—	—	—	—	—	—	—	ND	ND	ND	—	ND
	04/02/96	10	—	—	—	—	—	—	—	—	ND	ND	ND	—	ND
	05/17/96	10	—	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	11/17/96	2.2	5	—	ND	ND	ND	ND	4.9 J	—	ND	ND	ND	—	ND
	05/01/97	2.2	5	—	ND	ND	ND	2.3 J	7.8	—	ND	ND	2.5 J	—	ND
	10/30/97	2.2	5	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	05/07/98	2.2	5	—	ND	ND	ND	ND	3 J	—	ND	ND	ND	—	—
	11/05/98	—	10	—	4 B	4 B	ND	2 B	ND	—	ND	ND	ND	—	9 J
	05/10/99	—	10	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	09/30/99	0.4	10	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	05/03/00	2	3	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	11/30/00	0.5	1	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	05/10/01	0.5	1	—	ND	ND	ND	1.1 B	2.7 B	—	2.4 B	ND	3.3 B	—	5.1
	10/09/01	1	1	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	05/13/02	1	1	—	ND	ND	ND	ND	—	ND	1	ND	3	ND	ND
	11/18/02	1	1	—	ND	ND	ND	ND	—	ND	ND	ND	4	ND	ND
	05/20/03	1	1	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/10/03	1	1	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	05/20/04	0.4	1	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/15/04	1	2	—	ND	ND	ND	ND	—	ND	1 J	1 J	ND	ND	ND
	05/18/05	0.4	1	—	0.4 B	ND	ND	ND	—	0.7 B	2 B	ND	0.9 B	ND	1.
	11/08/05	0.4	1	—	ND	ND	ND	ND	—	ND	30.	ND	ND	ND	ND
Methylene chloride	05/05/06	0.4	1.0	—	ND	ND	ND	ND	—	ND	10.0	ND	ND	ND	ND

RECEIVED
OCT 12 2006
DEQ - WCRO

TABLE 1
SUMMARY OF DETECTED ORGANIC CONSTITUENTS
FRANKLIN COUNTY LANDFILL

Constituent GPS [µg/L]	Date	DL	QL	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-6R	MW-11	MW-12	MW-13	MW-14	Blanks
				Concentration (µg/L)											
2-Butanone	11/30/93	10	—	ND	ND	ND	ND	ND	ND	—	—	—	—	—	ND
(Methyl-Ethyl Ketone)	01/25/94	10	—	ND	ND	ND	ND	ND	ND	—	—	—	—	—	ND
[691]	08/10/94	10	—	ND	ND	ND	ND	ND	ND	—	—	—	—	—	ND
	11/09/94	10	—	ND	ND	ND	ND	ND	ND	—	—	—	—	—	ND
	05/18/95	100	—	ND	ND	ND	ND	ND	ND	—	—	—	—	—	ND
	11/10/95	1	—	—	ND	ND	ND	ND	ND	—	—	—	—	—	ND
	02/01/96	100	—	—	—	—	—	—	—	—	ND	ND	ND	—	ND
	02/29/96	10	—	—	—	—	—	—	—	—	ND	ND	ND	—	ND
	04/02/96	10	—	—	—	—	—	—	—	—	ND	ND	ND	—	ND
	05/17/96	10	—	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	11/17/96	13	100	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	05/01/97	13	100	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	10/30/97	13	100	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	05/07/98	13	100	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	11/05/98	—	10	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	05/10/99	—	10	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	09/30/99	—	10	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	05/03/00	4	16	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	11/30/00	1	1	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	05/10/01	1	1	—	ND	ND	ND	7	ND	—	ND	ND	ND	—	ND
	10/09/01	1	2	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	05/13/02	1	2	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/18/02	1	2	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	05/20/03	1	2	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/10/03	1	2	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	05/20/04	0.8	2	—	ND	ND	ND	0.8 B	—	ND	ND	ND	ND	ND	1.8 J
	11/15/04	1	5	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	05/18/05	0.8	2	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/08/05	0.8	2	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
2-Butanone	05/05/06	0.8	2.0	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
Naphthalene	11/30/93	0.6	—	ND	6.6	7.4	1	ND	ND	—	—	—	—	—	ND
[2.32]	01/25/94	5	—	ND	ND	7.2	ND	ND	ND	—	—	—	—	—	ND
	08/10/94	5	—	ND	ND	ND	ND	ND	ND	—	—	—	—	—	ND
	10/18/94	5	—	ND	ND	ND	ND	ND	ND	—	—	—	—	—	ND
	11/09/94	5	—	ND	ND	ND	ND	ND	ND	—	—	—	—	—	ND
	05/18/95	5	—	ND	ND	ND	ND	ND	ND	—	—	—	—	—	ND
	11/10/95	1	—	—	ND	ND	ND	ND	ND	—	—	—	—	—	ND
	02/01/96	10	—	—	—	—	—	—	—	—	ND	ND	ND	—	ND
	02/29/96	10	—	—	—	—	—	—	—	—	ND	ND	ND	—	ND
	04/02/96	10	—	—	—	—	—	—	—	—	ND	ND	ND	—	ND
	05/17/96	10	—	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	11/17/96	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/01/97	1.4	5	—	5.7	6.9	ND	1.4 J	ND	—	ND	ND	ND	—	ND
	10/30/97	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/07/98	1.4	5	—	4.3 J	6.8	ND	4.4 J	ND	—	ND	ND	ND	—	—
	11/05/98	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/10/99	—	10	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	09/30/99	1.9	10	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	05/03/00	0.8	3.2	—	ND	2 J	ND	ND	ND	—	ND	ND	ND	—	ND
	11/30/00	0.6	1	—	1.1	2.7	ND	1.6	ND	—	ND	ND	ND	—	—
	05/10/01	0.6	1	—	ND	2.7	ND	2.6	ND	—	ND	ND	ND	—	ND
	10/09/01	0.9	1	—	ND	2.4	ND	ND	ND	—	ND	ND	ND	—	ND
	05/13/02	0.9	1	—	ND	ND	ND	1.9	—	ND	ND	ND	ND	ND	ND
	11/18/02	0.9	1	—	ND	ND	ND	1.2	—	ND	ND	ND	ND	ND	ND
	05/20/03	0.9	1	—	ND	[illegible]	ND	[illegible]	—	1.5 B	ND	ND	ND	ND	3.5
	11/10/03	0.9	1	—	[illegible]	[illegible]	ND	[illegible]	—	1	ND	ND	ND	ND	ND
	05/20/04	0.3	1	—	2.2	[illegible]	1	[illegible]	—	1.2	ND	ND	ND	ND	ND
	05/18/05	0.3	1	—	[illegible]	[illegible]	ND	[illegible]	—	ND	ND	ND	ND	ND	ND
	11/08/05	0.3	1	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
Naphthalene	05/05/06	0.4	1.0	—	1.2	1.0	ND	1.5	—	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	11/30/93	—	—	—	—	—	—	—	—	—	—	—	—	—	—
[0.41]	01/25/94	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	08/10/94	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	10/18/94	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	11/09/94	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/18/95	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	11/10/95	1	—	ND	ND	ND	ND	10.4	ND	—	—	—	—	—	ND
	02/01/96	5	—	—	—	—	—	—	—	—	ND	ND	ND	—	ND
	02/29/96	5	—	—	—	—	—	—	—	—	ND	ND	ND	—	ND
	04/02/96	5	—	—	—	—	—	—	—	—	ND	ND	ND	—	ND
	05/17/96	5	—	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	11/17/96	0.35	5	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	05/01/97	0.35	5	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	10/30/97	0.35	5	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	—
	05/07/98	0.35	5	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	11/05/98	—	2	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	05/10/99	—	2	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	09/30/99	0.4	1	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	05/03/00	0.4	1.6	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	11/30/00	0.2	1	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	05/10/01	0.2	1	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	10/09/01	0.9	1	—	ND	ND	ND	ND	ND	—	ND	ND	ND	ND	ND
	05/13/02	0.9	1	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/18/02	0.9	1	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	05/20/03	0.9	1	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/10/03	0.9	1	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	05/20/04	0.3	1	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/15/04	0.2	1	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	05/18/05	0.3	1	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/08/05	0.3	1	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	05/05/06	0.2	1.0	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
Tetrachloroethene	11/30/93	0.8	—	7.7	0.8	ND	ND	8	ND	—	—	—	—	—	ND
[5]	01/25/94	2.5	—	6.6	ND	ND	ND	59.8	ND	—	—	—	—	—	ND
	08/10/94	5	—	ND	ND	ND	ND	13	ND	—	—	—	—	—	ND
	10/18/94	5	—	ND	ND	ND	ND	14	ND	—	—	—	—	—	ND
	11/09/94	5	—	5	ND	ND	ND	13	ND	—	—	—	—	—	ND
	05/18/95	5	—	ND	ND	ND	ND	11	ND	—	—	—	—	—	ND
	11/10/95	1	—	—	ND	ND	ND	10.2	ND	—	—	—	—	—	ND
	02/01/96	5	—	—	—	—	—	—	—	—	ND	ND	7	—	ND
	02/29/96	5	—	—	—	—	—	—	—	—	ND	ND	6	—	ND
	04/02/96	5	—	—	—	—	—	—	—	—	ND	ND	ND	—	ND
	05/17/96	5	—	—	ND	ND	ND	11	ND	—	ND	ND	ND	—	ND
	11/17/96	0.34	5	—	ND	ND	ND	11	ND	—	ND	ND	6.8	—	ND
	05/01/97	0.34	5	—	0.75 J	ND	ND	9.5	0.79 J	—	ND	ND	6.3	—	ND
	10/30/97	0.34	5	—	ND	ND	ND	5.8	ND	—	ND	ND	9.3	—	ND
	05/07/98	0.34	5	—	0.62 J	ND	ND	7.8	ND	—	ND	ND	ND	—	—
	11/05/98	—	2	—	3.7	ND	ND	3.7	ND	—	ND	ND	9.3	—	ND
	05/10/99	—	2	—	ND	ND	ND	4.1	ND	—	ND	ND	16.4	—	ND
	09/30/99	0.1	1	—	ND	ND	ND	2.8	2.9	—	ND	ND	15	—	ND
	05/03/00	1	4	—	ND	ND	ND	ND	4 J	—	ND	ND	11	—	ND
	11/30/00	0.2	1	—	ND	ND	ND	1.3	5.5	—	ND	ND	13	—	ND
	05/10/01	0.2	1	—	ND	ND	ND	2.7	6.9	—	1.2	ND	15	—	ND
	10/09/01	0.9	1	—	ND	ND	ND	1.4	6.2	—	ND	ND	8	—	ND
	05/13/02	0.9	1	—	ND	ND	ND	3.1	—	1.6	ND	ND	14	2.7	ND
	11/18/02	0.9	1	—	ND	ND	ND	2.6	—	1.3	1	ND	13	2.8	ND
	05/20/03	0.9	1	—	ND	ND	ND	3.6	—	2.2	ND	ND	13	4.7	ND
	11/10/03	0.9	1	—	ND	ND	ND	1.7	—	2.2	ND	ND	13	5	ND
	05/20/04	0.5	1	—	ND	ND	ND	1.1	—	1.6	ND	ND	7.8	4.6	ND
	11/15/04	0.6	1	—	ND	ND	ND	1.2	—	2.2	0.7 J	ND	14	4.9	ND
	05/18/05	0.5	1	—	ND	ND	ND	ND	—	1	ND	ND	6	4	ND
	11/08/05	0.5	1	—	ND	ND	ND	ND	—	ND	ND	ND	13	4	ND
Tetrachloroethene	05/05/06	0.9	1.0	—	ND	ND	ND	ND	—	1.3	2.2	ND	10.6	4.5	ND

RECEIVED
OCT 12 2006
DEQ - WCRO

TABLE 1
SUMMARY OF DETECTED ORGANIC CONSTITUENTS
FRANKLIN COUNTY LANDFILL

Constituent GPS (µg/L)	Date	DL	QL	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-6R	MW-11	MW-12	MW-13	MW-14	Blanks
		Concentration (µg/L)													
Toluene	11/30/93	1.1	—	55.3	1.8 B	1.9 B	ND	22.8	ND	—	—	—	—	—	ND
[1,000]	01/25/94	2.5	—	2.5	ND	ND	ND	28.3	ND	—	—	—	—	—	ND
	08/10/94	5	—	9	ND	ND	ND	42	ND	—	—	—	—	—	ND
	10/18/94	5	—	ND	ND	ND	ND	51	ND	—	—	—	—	—	ND
	11/09/94	5	—	8	ND	ND	ND	43	ND	—	—	—	—	—	ND
	05/18/95	5	—	ND	ND	ND	ND	43	ND	—	—	—	—	—	ND
	11/10/95	1	—	—	ND	ND	ND	3	ND	—	—	—	—	—	ND
	02/01/96	5	—	—	—	—	—	—	—	—	ND	ND	ND	—	ND
	02/29/96	5	—	—	—	—	—	—	—	—	ND	ND	ND	—	ND
	04/02/96	5	—	—	—	—	—	—	—	—	ND	ND	ND	—	ND
	05/17/96	5	—	—	ND	ND	ND	31	7	—	ND	ND	ND	—	ND
	11/17/96	1.1	5	—	ND	ND	ND	14	6.9	—	ND	ND	ND	—	ND
	05/01/97	1.1	5	—	ND	1.8 J	ND	18	4.4 J	—	ND	ND	ND	—	ND
	10/30/97	1.1	5	—	ND	ND	ND	11	ND	—	ND	ND	ND	—	ND
	05/07/98	1.1	5	—	ND	23	ND	27	9.1	—	ND	ND	8.1	—	—
	11/03/98	—	2	—	ND	ND	ND	9.2	ND	—	ND	ND	ND	—	ND
	05/10/99	—	2	—	ND	ND	ND	16.8	ND	—	ND	ND	ND	—	ND
	09/30/99	0.3	1	—	ND	ND	ND	2.6	ND	—	ND	ND	ND	—	ND
	05/03/00	0.7	2.8	—	ND	ND	ND	10	ND	—	ND	ND	ND	—	ND
	11/30/00	0.2	1	—	ND	ND	ND	3.7	ND	—	ND	ND	ND	—	ND
	05/10/01	0.2	1	—	ND	1.3	ND	3.9	ND	—	ND	ND	ND	—	ND
	10/09/01	0.6	1	—	ND	ND	ND	1.3	ND	—	ND	ND	ND	ND	ND
	05/13/02	0.6	1	—	ND	ND	ND	2.2	—	ND	ND	ND	ND	ND	ND
	11/18/02	0.6	1	—	ND	ND	ND	1.5	—	ND	ND	ND	ND	ND	ND
	05/20/03	0.6	1	—	ND	5.4	ND	87	—	ND	ND	ND	ND	ND	ND
	11/10/03	0.6	1	—	ND	ND	ND	16	—	ND	ND	ND	ND	ND	ND
	05/20/04	0.2	1	—	ND	ND	ND	9.1	—	ND	ND	ND	ND	ND	ND
	11/15/04	0.2	1	—	0.4 J	0.6 J	ND	2	—	ND	ND	ND	ND	ND	ND
	05/18/05	0.2	1	—	0.3 J	1	ND	2	—	ND	ND	ND	ND	ND	ND
	11/08/05	0.2	1	—	1	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
Toluene	05/05/06	0.2	1.0	—	1.0	1.0	ND	1.2	—	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	11/30/93	0.3	—	ND	ND	0.6	0.4	ND	ND	—	—	—	—	—	ND
[70]	01/25/94	2	—	ND	ND	ND	ND	ND	ND	—	—	—	—	—	ND
	08/10/94	5	—	ND	ND	ND	ND	ND	ND	—	—	—	—	—	ND
	10/18/94	5	—	ND	ND	ND	ND	ND	ND	—	—	—	—	—	ND
	11/09/94	5	—	ND	ND	ND	ND	ND	ND	—	—	—	—	—	ND
	05/18/95	10	—	ND	ND	ND	ND	ND	ND	—	—	—	—	—	ND
	11/10/95	1	—	—	ND	ND	ND	ND	ND	—	—	—	—	—	ND
	02/01/96	10	—	—	—	—	—	—	—	—	ND	ND	ND	—	ND
	02/29/96	5	—	—	—	—	—	—	—	—	ND	ND	ND	—	ND
	04/02/96	5	—	—	—	—	—	—	—	—	ND	ND	ND	—	ND
	05/17/96	5	—	—	ND	ND	ND	ND	ND	—	—	—	—	—	—
	11/17/96	—	—	—	—	—	—	—	—	—	ND	ND	ND	—	ND
	05/01/97	0.78	5	—	ND	ND	ND	ND	ND	—	—	—	—	—	ND
	10/30/97	—	—	—	—	—	—	—	—	—	ND	ND	ND	—	—
	05/07/98	0.78	5	—	ND	ND	ND	ND	ND	—	—	—	—	—	—
	11/05/98	—	—	—	—	—	—	—	—	—	ND	ND	ND	—	ND
	05/10/99	—	10	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	09/30/99	2.8	10	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	05/03/00	1	4	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	—
	11/30/00	0.4	1	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	05/10/01	0.4	1	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	05/13/02	0.6	1	—	ND	ND	ND	ND	—	—	—	—	—	—	—
	11/18/02	—	—	—	—	—	—	—	—	—	—	—	—	—	ND
	05/20/03	0.6	1	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/10/03	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/20/04	0.5	1	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	11/30/93	8	—	14.2	ND	ND	ND	1.9	ND	—	—	—	—	—	ND
[200]	01/25/94	2	—	ND	ND	ND	ND	ND	ND	—	—	—	—	—	ND
	08/10/94	5	—	ND	ND	ND	ND	ND	ND	—	—	—	—	—	ND
	10/18/94	5	—	ND	ND	ND	ND	ND	ND	—	—	—	—	—	ND
	11/09/94	5	—	ND	ND	ND	ND	ND	ND	—	—	—	—	—	ND
	05/18/95	5	—	ND	ND	ND	ND	ND	ND	—	—	—	—	—	ND
	11/10/95	1	—	—	ND	ND	ND	ND	ND	—	—	—	—	—	ND
	02/01/96	5	—	—	—	—	—	—	—	—	ND	ND	ND	—	ND
	02/29/96	5	—	—	—	—	—	—	—	—	ND	ND	ND	—	ND
	04/02/96	5	—	—	—	—	—	—	—	—	ND	ND	ND	—	ND
	05/17/96	5	—	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	11/17/96	0.32	5	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	05/01/97	0.32	5	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	10/30/97	0.32	5	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	—
	05/07/98	0.32	5	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	11/05/98	—	2	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	05/10/99	—	2	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	09/30/99	0.1	1	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	05/03/00	0.6	2.4	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	11/30/00	0.1	1	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	05/10/01	0.1	1	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	10/09/01	0.8	1	—	ND	ND	ND	ND	ND	—	ND	ND	ND	ND	ND
	05/13/02	0.6	1	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/18/02	0.8	1	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	05/20/03	0.8	1	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/10/03	0.8	1	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	05/20/04	0.5	1	—	ND	ND	ND	ND	—	ND	0.3 J	ND	ND	ND	ND
	11/15/04	0.2	1	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	05/18/05	0.5	1	—	ND	ND	ND	ND	—	ND	5	ND	ND	ND	ND
	11/08/05	0.5	1	—	ND	ND	ND	ND	—	ND	1.0	ND	ND	ND	ND
1,1,1-Trichloroethane	05/05/06	0.2	1.0	—	ND	ND	ND	ND	—	ND	1.0	ND	ND	ND	ND
Trichloroethene	11/30/93	0.2	—	6.3	13.7	ND	0.5	7.1	ND	—	—	—	—	—	ND
[5]	01/25/94	1.3	—	ND	13.4	ND	ND	10.4	ND	—	—	—	—	—	ND
	08/10/94	5	—	ND	27	ND	ND	8	ND	—	—	—	—	—	ND
	10/18/94	5	—	ND	16	20	9	8	ND	—	—	—	—	—	ND
	11/09/94	5	—	ND	7	ND	ND	7	ND	—	—	—	—	—	ND
	05/18/95	5	—	ND	ND	ND	ND	6	ND	—	—	—	—	—	ND
	11/10/95	1	—	—	3.7	ND	ND	8.3	ND	—	—	—	—	—	ND
	02/01/96	5	—	—	—	—	—	—	—	—	ND	ND	ND	—	ND
	02/29/96	5	—	—	—	—	—	—	—	—	ND	ND	ND	—	ND
	04/02/96	5	—	—	—	—	—	—	—	—	ND	ND	ND	—	ND
	05/17/96	5	—	—	ND	ND	ND	ND	ND	—	ND	ND	1.9 J	—	ND
	11/17/96	0.88	5	—	2.2 J	ND	ND	6.8	ND	—	ND	ND	1.8 J	—	ND
	05/01/97	0.88	5	—	11	ND	ND	7	ND	—	ND	ND	4.2 J	—	ND
	10/30/97	0.88	5	—	8.6	ND	ND	9.5	ND	—	ND	ND	3 J	—	—
	05/07/98	0.88	5	—	3.5 J	ND	ND	8.3	ND	—	ND	ND	3.2	—	ND
	11/05/98	—	2	—	6	ND	ND	7	ND	—	ND	ND	7.5	—	ND
	05/10/99	—	2	—	ND	ND	ND	4.6	ND	—	ND	ND	5.3	—	ND
	09/30/99	0.5	1	—	ND	ND	ND	6.4	ND	—	ND	ND	4.3	—	ND
	05/03/00	0.5	2	—	ND	ND	ND	2.9	2.5	—	ND	ND	5.1	—	ND
	11/30/00	0.2	1	—	ND	ND	ND	3	3.9	—	ND	ND	5.7	—	ND
	05/10/01	0.2	1	—	ND	ND	ND	3.8	5.2	—	ND	ND	ND	—	ND
	10/09/01	0.4	1	—	ND	ND	ND	ND	ND	—	ND	ND	4.5	ND	ND
	05/13/02	0.4	1	—	ND	ND	ND	3.4	—	ND	ND	ND	4.8	1	ND
	11/18/02	0.4	1	—	ND	ND	ND	2.8	—	ND	ND	ND	6.9	1.2	ND
	05/20/03	0.4	1	—	ND	ND	ND	3.2	—	1.4	ND	ND	5.2	1.9	ND
	11/10/03	0.4	1	—	ND	ND	ND	2.7	—	1.4	ND	ND	2.7	1.4	ND
	05/20/04	0.4	1	—	ND	ND	ND	1.5	—	0.9 J	ND	ND	3	1.6	ND
	11/15/04	0.3	1	—	0.5 J	ND	ND	1.9	—	1.1	0.6 J	ND	2	1	ND
	05/18/05	0.4	1	—	ND	ND	ND	1	—	0.8 J	ND	ND	ND	ND	ND
	11/08/05	0.4	1	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
Trichloroethene	05/05/06	0.4	1.0	—	1.5	ND	ND	ND	—	ND	2.4	ND	2.3	1.1	ND

RECEIVED
OCT 12 2006
DEQ - WCRO

TABLE 1
SUMMARY OF DETECTED ORGANIC CONSTITUENTS
FRANKLIN COUNTY LANDFILL

Constituent	Date	Concentration (µg/L)													
GPS [µg/L]		DL	QL	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-6R	MW-11	MW-12	MW-13	MW-14	Blanks
Vinyl chloride	11/30/93	1.3	—	53.2	1.8 B	1.9 B	ND	22.8	ND	—	—	—	—	—	1.2
[2]	01/25/94	1.3	—	2.5	ND	ND	ND	28.3	ND	—	—	—	—	—	ND
	08/10/94	10	—	29	16	253	63	84	ND	—	—	—	—	—	ND
	10/18/94	10	—	ND	ND	ND	ND	ND	ND	—	—	—	—	—	ND
	11/09/94	10	—	ND	34	49	13	ND	ND	—	—	—	—	—	ND
	05/18/95	10	—	ND	44	ND	1	ND	ND	—	—	—	—	—	ND
	11/10/95	1	—	—	41.1	19.7	70	14	ND	—	—	—	—	—	ND
	02/01/96	10	—	—	—	—	—	—	—	—	ND	ND	ND	—	ND
	02/29/96	10	—	—	—	—	—	—	—	—	ND	ND	ND	—	ND
	04/02/96	10	—	—	—	—	—	—	—	—	ND	ND	ND	—	ND
	05/17/96	10	—	—	155	46	33	21	ND	—	ND	ND	ND	—	ND
	11/17/96	—	1	—	44	19	9	8.6	ND	—	ND	ND	1.1	—	ND
	05/01/97	—	1	—	22	23	6.4	7.9	ND	—	ND	ND	ND	—	—
	10/30/97	0.11	1	—	19	12	6.4	6.4	ND	—	ND	ND	1.4	—	ND
	05/07/98	0.11	1	—	28	14	3.7	8.5	ND	—	ND	ND	1.1	—	—
	11/05/98	—	2	—	31.3	16.7	15.2	9.8	ND	—	ND	ND	ND	—	ND
	05/10/99	—	2	—	48.8	8.1	2.4	8.2	ND	—	ND	ND	2.3	—	ND
	09/30/99	1.9	2	—	35.6	3.4	4.5	4	ND	—	ND	ND	ND	—	ND
	05/03/00	1	4	—	44	7	3 J	6	ND	—	ND	ND	2 J	—	ND
	11/30/00	0.3	1	—	26	5.5	3.8	6.1	ND	—	ND	ND	ND	—	ND
	05/10/01	0.3	1	—	43	5.9	3.2	6.7	ND	—	ND	ND	ND	—	ND
	10/09/01	0.7	1	—	26	ND	8.8	ND	ND	—	ND	ND	ND	—	ND
	05/13/02	0.7	1	—	58	5.6	ND	8	—	ND	ND	ND	1.4	ND	ND
	11/18/02	0.7	1	—	47	ND	3.5 J	6.1	—	ND	ND	ND	ND	ND	ND
	05/20/03	0.7	1	—	16	5.4	7	5.4	—	ND	ND	ND	ND	ND	ND
	11/10/03	0.7	1	—	24	10	5	4.7	—	ND	ND	ND	ND	ND	ND
	05/20/04	0.2	1	—	43	6.4	4.6	4.4	—	ND	ND	ND	ND	ND	ND
	11/15/04	0.5	1	—	64	8.1	3.1	4.8	—	ND	ND	ND	ND	ND	ND
	05/18/05	0.2	1	—	12	5	7	5	—	ND	ND	ND	ND	ND	ND
	11/08/05	0.2	1	—	32	6	3	6	—	ND	10	ND	ND	ND	ND
Vinyl chloride	05/05/06	0.3	1.0	—	14.5	2.4	3.4	3.0	—	ND	ND	ND	ND	ND	ND
Xylenes (total)	11/30/93	0.4	—	14.4	3.2 B	20.2	ND	30.5	ND	—	—	—	—	—	1.2
[10,000]	01/25/94	3.1	—	3.9	5.1	12.7	ND	30.2	ND	—	—	—	—	—	ND
	08/10/94	5	—	ND	8	17	ND	26	ND	—	—	—	—	—	ND
	10/18/94	5	—	ND	ND	8	ND	27	ND	—	—	—	—	—	ND
	11/09/94	5	—	ND	ND	ND	ND	30	ND	—	—	—	—	—	ND
	05/18/95	5	—	ND	ND	ND	ND	27	ND	—	—	—	—	—	ND
	11/10/95	1	—	—	ND	1.9	ND	6.9	ND	—	—	—	—	—	ND
	02/01/96	5	—	—	—	—	—	—	—	—	ND	ND	ND	—	ND
	02/29/96	5	—	—	—	—	—	—	—	—	ND	ND	ND	—	ND
	04/02/96	5	—	—	—	—	—	—	—	—	ND	ND	ND	—	ND
	05/17/96	5	—	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	11/17/96	1.8	5	—	ND	3.8 J	ND	18	ND	—	ND	ND	ND	—	ND
	05/01/97	1.8	5	—	2.8 J	3.2 J	ND	19	ND	—	ND	ND	ND	—	ND
	10/30/97	1.8	5	—	1.9 J	ND	ND	18	ND	—	ND	ND	ND	—	ND
	05/07/98	1.8	5	—	1.6 J	4.8 J	ND	27	ND	—	ND	ND	ND	—	—
	11/05/98	—	2	—	ND	ND	ND	14.4	ND	—	ND	ND	ND	—	ND
	05/10/99	—	2	—	ND	ND	ND	21.6	ND	—	ND	ND	ND	—	ND
	09/30/99	0.8	1	—	ND	ND	ND	3.6	ND	—	ND	ND	ND	—	ND
	05/03/00	2.6	10.4	—	ND	ND	ND	4 J	ND	—	ND	ND	ND	—	ND
	11/30/00	0.3	3	—	ND	ND	ND	4.4	ND	—	ND	ND	ND	—	ND
	05/10/01	0.3	3	—	ND	ND	ND	4.3	ND	—	ND	ND	ND	—	ND
	10/09/01	0.4	2	—	ND	1.4 J	ND	2 J	ND	—	ND	ND	ND	—	ND
	05/13/02	0.7	3	—	1	ND	ND	2.2 J	—	ND	ND	ND	ND	ND	ND
	11/18/02	0.3	2	—	ND	ND	ND	1.8 J	—	ND	ND	ND	ND	0.9 J	ND
	05/20/03	0.3	2	—	ND	4.5 B	ND	90	—	ND	ND	ND	ND	ND	2.1
	11/10/03	0.4	2	—	ND	ND	ND	32	—	ND	ND	ND	ND	ND	ND
	05/20/04	0.2	2	—	ND	ND	ND	18.8	—	ND	ND	ND	ND	ND	ND
	11/15/04	0.3	2	—	ND	ND	ND	5.6	—	ND	1 J	ND	ND	ND	ND
	05/18/05	0.2	2	—	0.3 J	ND	ND	4	—	ND	1 J	ND	ND	ND	ND
	11/08/05	0.8	2	—	ND	ND	ND	ND	—	ND	10	ND	ND	ND	ND
m,p-Xylenes	05/05/06	0.3	2.0	—	ND	ND	ND	ND	—	ND	5.3	ND	ND	ND	ND
o-Xylene	05/05/06	0.2	1.0	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
Acenaphthene	11/30/93	10	—	—	ND	ND	ND	ND	ND	—	—	—	—	—	—
[134]	01/25/94	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	08/10/94	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	10/18/94	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	11/09/94	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/18/95	10	—	—	ND	ND	ND	ND	ND	—	—	—	—	—	—
	11/10/95	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	02/01/96	10	—	—	—	—	—	—	—	—	ND	ND	ND	—	—
	02/29/96	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	04/02/96	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/17/96	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	11/17/96	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/01/97	0.83	10	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	—
	10/30/97	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/07/98	0.83	10	—	ND	1 J	ND	ND	ND	—	ND	ND	ND	—	—
	11/05/98	—	10	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	05/10/99	—	10	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	09/30/99	1.8	10	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	05/03/00	2	8	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	11/30/00	2	10	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	—
	05/10/01	2	10	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	05/13/02	2	10	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/18/02	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/20/03	3	10	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	05/20/04	3	10	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	05/18/05	3	10	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
Acenaphthene	05/05/06	1.4	10.0	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
di-n-Butyl phthalate	11/30/93	5	—	—	ND	ND	ND	ND	ND	—	—	—	—	—	—
[1,365]	01/25/94	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	08/10/94	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	10/18/94	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	11/09/94	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/18/95	10	—	—	ND	ND	ND	ND	ND	—	—	—	—	—	—
	11/10/95	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	02/01/96	20	—	—	—	—	—	—	—	—	ND	ND	ND	—	—
	02/29/96	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	04/02/96	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/17/96	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	11/17/96	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/01/97	1.5	10	—	1.5 J	2 J	2.7 J	2.3 J	2.7 J	—	ND	2 J	ND	—	—
	10/30/97	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/07/98	1.5	10	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	—
	11/05/98	—	10	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	05/10/99	—	10	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	09/30/99	1.1	10	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	05/03/00	2	8	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	11/30/00	2	10	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	—
	05/10/01	2	10	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	05/13/02	2	10	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/18/02	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/20/03	2	10	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/10/03	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/20/04	2	10	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	05/18/05	2	10	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
Di-n-butylphthalate	05/05/06	1.0	10.0	—	ND	ND	ND	ND	—	2.9 J	ND	ND	ND	ND	ND

RECEIVED DEO WCRO

RECEIVED OCT 12 2006 DEO - WCRO

TABLE 1
SUMMARY OF DETECTED ORGANIC CONSTITUENTS
FRANKLIN COUNTY LANDFILL

Constituent GPS [µg/L]	Date	Concentration (µg/L) DL	QL	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-6R	MW-11	MW-12	MW-13	MW-14	Blanks
4-Chloro-3-methylphenol	01/25/94	—	—	—	—	—	—	—	—	—	—	—	—	—	—
[20]	08/10/94	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	10/18/94	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	11/09/94	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/18/95	20	—	—	ND	ND	ND	ND	ND	—	—	—	—	—	—
	11/10/95	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	02/01/96	20	—	—	—	—	—	—	—	—	ND	ND	ND	—	—
	02/29/96	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	04/02/96	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/17/96	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	11/17/96	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/01/97	1.2	20	—	ND	21	ND	ND	ND	—	ND	ND	ND	—	—
	10/30/97	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/07/98	1.0	20	—	11 J	17 J	ND	ND	ND	—	ND	ND	ND	—	—
	07/16/98	—	10	—	10 B	17 B	10 B	10 B	10 B	—	10 B	10 B	ND	—	10
	11/05/98	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/10/99	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/03/00	3	12	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	11/30/00	3	10	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	—
	05/10/01	3	10	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	05/13/02	3	10	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/18/02	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/20/03	3	10	—	7 J	14	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/10/03	3	10	—	11	23	ND	ND	—	ND	ND	ND	ND	ND	ND
	05/20/04	3	10	—	10 J	8 J	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/15/04	3	10	—	15	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	05/18/05	3	10	—	10 J	9 J	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/08/05	3	10	—	7 J	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	05/05/06	1.4	10.0	—	3.0 J	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
Diethyl phthalate	11/30/93	5	—	—	ND	ND	ND	ND	ND	—	—	—	—	—	—
[12,520]	01/25/94	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	08/10/94	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	10/18/94	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	11/09/94	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/18/95	10	—	—	ND	ND	ND	ND	ND	—	—	—	—	—	—
	11/10/95	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	02/01/96	10	—	—	—	—	—	—	—	—	ND	ND	ND	—	—
	02/29/96	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	04/02/96	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/17/96	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	11/17/96	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/01/97	1.2	10	—	1.0 J	7.2 J	ND	ND	ND	—	ND	ND	ND	—	—
	10/30/97	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/07/98	1.2	10	—	2.7 J	2.5 J	ND	ND	ND	—	ND	ND	ND	—	—
	11/05/98	—	10	—	10	10	ND	ND	ND	—	ND	ND	ND	—	ND
	05/10/99	—	10	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	09/30/99	1.3	10	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	05/03/00	2	8	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	11/30/00	2	10	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	—
	05/10/01	2	10	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	05/13/02	2	10	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/18/02	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/20/03	2	10	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/10/03	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/20/04	2	10	—	3 J	2 J	ND	ND	—	3 J	ND	ND	ND	ND	ND
	07/14/04	2	10	—	2 J	ND	—	—	—	—	—	—	—	—	ND
	11/15/04	2	10	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	05/18/05	2	10	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/08/05	2	10	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
Diethylphthalate	05/05/06	1.0	10.0	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
Bis(2-ethyl hexyl) phthalate	11/30/93	20	—	—	ND	ND	ND	ND	ND	—	—	—	—	—	—
[6]	01/25/94	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	08/10/94	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	10/18/94	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	11/09/94	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/18/95	20	—	—	ND	ND	ND	ND	ND	—	—	—	—	—	—
	11/10/95	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	02/01/96	20	—	—	—	—	—	—	—	—	ND	ND	ND	—	—
	02/29/96	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	04/02/96	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/17/96	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	11/17/96	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/01/97	1.1	10	—	12	4.4 J	48	41	44	—	16	32	3.9 J	—	—
	10/30/97	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/07/98	1.1	10	—	8.9 J	4.3 J	8.9 J	8.3 J	ND	—	6 J	1.9 J	1.4 J	—	—
	11/05/98	—	10	—	ND	10	10	20.7	10	—	22.3	10	10	—	ND
	05/10/99	—	10	—	ND	ND	ND	ND	ND	—	14	ND	ND	—	ND
	09/30/99	2	10	—	10	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	05/03/00	2	8	—	30	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	11/30/00	2	10	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	—
	05/10/01	2	10	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	10/09/01	3	10	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	05/13/02	2	10	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/18/02	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/20/03	3	10	—	ND	ND	ND	ND	—	10 J	6 J	ND	ND	ND	ND
	07/15/03	3	10	—	—	—	—	—	—	ND	ND	—	—	—	ND
	11/10/03	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/20/04	3	10	—	[redacted]	3 J	[redacted]	3 J	—	[redacted]	[redacted]	12	10	17	ND
	07/14/04	3	10	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/15/04	3	10	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	05/18/05	3	10	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/08/05	3	10	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	05/05/06	1.0	10.0	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	1 J
2-Methylnaphthalene	11/30/93	10	—	—	ND	ND	ND	ND	ND	—	—	—	—	—	—
[44,71]	01/25/94	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	08/10/94	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	10/18/94	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	11/09/94	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/18/95	10	—	—	ND	ND	ND	ND	ND	—	—	—	—	—	—
	11/10/95	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	02/01/96	10	—	—	—	—	—	—	—	—	ND	ND	ND	—	—
	02/29/96	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	04/02/96	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/17/96	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	11/17/96	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/01/97	4	10	—	ND	6.6 J	ND	ND	ND	—	ND	ND	ND	—	—
	10/30/97	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/07/98	4	10	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	—
	11/05/98	—	10	—	ND	10	ND	ND	ND	—	ND	ND	ND	—	ND
	05/10/99	—	10	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	09/30/99	1.9	10	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	05/03/00	2	8	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	11/30/00	2	10	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	—
	05/10/01	2	10	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	10/09/01	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/13/02	2	10	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/18/02	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/20/03	4	10	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/10/03	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/20/04	4	10	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/15/04	4	10	—	—	—	—	—	—	—	—	—	—	—	—
	05/18/05	4	10	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/08/05	4	10	—	—	—	—	—	—	—	—	—	—	—	—
2-Methylnaphthalene	05/05/06	2.0	10.0	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND

RECEIVED
OCT 12 2006
DEO - WCRO

TABLE 1
SUMMARY OF DETECTED ORGANIC CONSTITUENTS
FRANKLIN COUNTY LANDFILL

Constituent GPS [µg/L]	Date	Concentration (µg/L) DL	QL	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-6R	MW-11	MW-12	MW-13	MW-14	Blanks
Aldrin	11/30/93	0.05	—	—	ND	ND	ND	ND	ND	—	—	—	—	—	—
[0.004]	01/25/94	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	08/10/94	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	10/18/94	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	11/09/94	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/18/95	0.05	—	—	ND	ND	ND	ND	ND	—	—	—	—	—	—
	11/10/95	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	02/01/96	0.05	—	—	—	—	—	—	—	—	ND	ND	ND	—	—
	02/29/96	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	04/02/96	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/17/96	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	11/17/96	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/01/97	—	0.04	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	—
	10/30/97	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/07/98	0.0022	0.04	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	—
	07/16/98	0.0022	0.04	—	—	—	—	—	—	—	ND	ND	ND	—	—
	11/05/98	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/10/99	—	0.05	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	09/30/99	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/03/00	0.01	0.04	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	05/10/01	0.01	0.05	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	10/09/01	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/13/02	0.01	0.05	—	0.04 J	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/18/02	0.02	0.05	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	05/20/03	0.02	0.05	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/10/03	0.02	0.05	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	05/20/04	0.02	0.05	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/15/04	0.02	0.05	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	05/18/05	0.02	0.05	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/08/05	0.02	0.05	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
Aldrin	05/05/06	0.003	0.050	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
alpha-BHC	11/30/93	0.05	—	—	ND	ND	ND	ND	ND	—	—	—	—	—	—
[0.01]	01/25/94	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	08/10/94	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	10/18/94	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	11/09/94	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/18/95	0.05	—	—	ND	ND	ND	ND	ND	—	—	—	—	—	—
	11/10/95	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	02/01/96	0.05	—	—	—	—	—	—	—	—	ND	ND	ND	—	—
	02/29/96	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	04/02/96	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/17/96	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	11/17/96	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/01/97	—	0.04	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	—
	10/30/97	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/07/98	0.0036	0.04	—	ND	ND	0.037 J	ND	ND	—	ND	ND	ND	—	—
	07/16/98	0.0036	0.04	—	—	—	0.017 J	—	—	—	—	—	—	—	—
	11/05/98	—	0.05	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	05/10/99	—	0.05	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	09/30/99	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/03/00	0.05	0.2	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	05/10/01	0.01	0.05	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	10/09/01	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/13/02	0.01	0.05	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/18/02	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/20/03	0.03	0.05	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/10/03	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/20/04	0.03	0.05	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/15/04	0.03	0.05	—	—	—	—	—	—	—	—	—	—	—	—
	05/18/05	0.03	0.05	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/08/05	0.03	0.05	—	—	—	—	—	—	—	—	—	—	—	—
alpha-BHC	05/05/06	0.001	0.050	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
beta-BHC	11/30/93	—	—	—	ND	ND	ND	ND	ND	—	—	—	—	—	—
[0.04]	01/25/94	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	08/10/94	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	10/18/94	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	11/09/94	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/18/95		—	—	ND	ND	ND	ND	ND	—	—	—	—	—	—
	11/10/95	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	02/01/96		—	—	—	—	—	—	—	—	ND	ND	ND	—	—
	02/29/96	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	04/02/96	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/17/96	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	11/17/96	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/01/97	—		—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	—
	10/30/97	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/07/98	0.0036	0.04	—	ND	ND	0.037 J	ND	ND	—	ND	ND	ND	—	—
	07/16/98	0.0036	0.04	—	—	—	0.017 J	—	—	—	—	—	—	—	—
	11/05/98	—	0.05	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	05/10/99	—	0.05	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	09/30/99	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/03/00	0.05	0.2	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	05/10/01	0.01	0.05	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	10/09/01	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/13/02	0.01	0.05	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/18/02	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/20/03	0.03	0.05	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/10/03	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/20/04	0.03	0.05	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/15/04	0.03	0.05	—	—	—	—	—	—	—	—	—	—	—	—
	05/18/05	0.03	0.05	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/08/05	0.03	0.05	—	—	—	—	—	—	—	—	—	—	—	—
beta-BHC	05/05/06	0.003	0.050	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
delta-BHC	11/30/93	0.05	—	—	ND	ND	ND	ND	ND	—	—	—	—	—	—
[0.01]	01/25/94	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	08/10/94	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	10/18/94	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	11/09/94	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/18/95	0.1	—	—	ND	ND	ND	ND	ND	—	—	—	—	—	—
	11/10/95	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	02/01/96	0.05	—	—	—	—	—	—	—	—	ND	ND	ND	—	—
	02/29/96	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	04/02/96	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/17/96	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	11/17/96	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/01/97	—	0.04	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	—
	10/30/97	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/07/98	0.0038	0.04	—	ND	ND	ND	ND	ND	—	ND	ND	0.01 J	—	—
	07/16/98	0.0038	0.04	—	—	—	—	—	—	—	—	ND	—	—	—
	11/05/98	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/10/99	—	0.05	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	09/30/99	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/03/00	0.05	0.2	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	05/10/01	0.01	0.05	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	10/09/01	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/13/02	0.01	0.05	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/18/02	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/20/03	0.02	0.05	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/10/03	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/20/04	0.02	0.05	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/15/04	0.02	0.05	—	—	—	—	—	—	—	—	—	—	—	—
	05/18/05	0.02	0.05	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/08/05	0.02	0.05	—	—	—	—	—	—	—	—	—	—	—	—
delta-BHC	05/05/06	0.002	0.050	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND

RECEIVED
OCT 12 2006
DEQ - WCRO

TABLE 1
SUMMARY OF DETECTED ORGANIC CONSTITUENTS
FRANKLIN COUNTY LANDFILL

RECEIVED
OCT 12 2006
DEQ - WCRO

Constituent GPS [µg/L]	Date	Concentration (µg/L) DL	QL	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-6R	MW-11	MW-12	MW-13	MW-14	Blanks
gamma-BHC (Lindane)	11/30/93	0.05	---	—	ND	ND	ND	ND	ND	---	—	—	—	—	—
[0.2]	01/25/94	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	08/10/94	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	10/18/94	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	11/09/94	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/18/95	0.05	—	—	ND	ND	ND	ND	ND	—	—	—	—	—	—
	11/10/95	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	02/01/96	0.05	—	—	—	—	—	—	—	—	ND	ND	ND	—	—
	02/29/96	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	04/02/96	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/17/96	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	11/17/96	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/01/97	—	0.04	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	—
	10/30/97	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/07/98	0.0014	0.04	—	0.013 J	0.026 J	0.018 J	ND	0.009 J	—	ND	ND	ND	—	—
	07/16/98	0.0014	0.04	—	ND	0.005 J	ND	—	ND	—	—	—	—	—	—
	11/03/98	—	0.05	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	05/10/99	—	0.05	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	09/30/99	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/03/00	0.04	0.16	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	05/10/01	0.02	0.05	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	05/13/02	0.02	0.05	—	0.11	ND	ND	0.16	—	ND	ND	ND	ND	ND	ND
	11/18/02	0.02	0.05	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	05/20/03	0.02	0.05	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/10/03	0.02	0.05	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	05/20/04	0.02	0.05	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/15/04	0.02	0.05	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	05/18/05	0.02	0.05	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/08/05	0.02	0.05	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
gamma-BHC	05/05/06	0.002	0.050	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
4,4'-DDD	05/03/00	0.04	0.16	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
[0.28]	05/10/01	0.03	0.05	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	05/13/02	0.03	0.05	—	0.17	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/18/02	0.02	0.05	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	05/20/03	0.02	0.05	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/10/03	0.02	0.05	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	05/20/04	0.02	0.05	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/15/04	0.02	0.05	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	05/18/05	0.02	0.05	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/08/05	0.02	0.05	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
4,4'-DDD	05/05/06	0.005	0.050	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
4,4'-DDT	11/30/93	0.1	---	—	ND	ND	ND	ND	ND	—	—	—	—	—	—
[0.2]	01/25/94	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	08/10/94	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	10/18/94	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	11/09/94	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/18/95	0.1	—	—	ND	ND	ND	ND	ND	—	—	—	—	—	—
	11/10/95	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	02/01/96	0.1	—	—	—	—	—	—	—	—	ND	ND	ND	—	—
	02/29/96	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	04/02/96	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/17/96	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	11/17/96	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/01/97	—	0.04	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	—
	10/30/97	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/07/98	0.0028	0.04	—	ND	ND	0.011 J	ND	ND	—	ND	ND	ND	—	—
	07/16/98	0.0028	0.04	—	—	—	ND	—	—	—	—	—	—	—	—
	11/05/98	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/10/99	—	0.1	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	09/30/99	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/03/00	0.05	0.2	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	05/10/01	0.02	0.05	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	10/09/01	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/13/02	0.02	0.05	—	0.22	ND	ND	0.25	—	0.12	ND	ND	ND	ND	ND
	11/18/02	0.04	0.05	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	05/20/03	0.04	0.05	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/10/03	0.04	0.05	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	05/20/04	0.04	0.05	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/15/04	0.04	0.05	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	05/18/05	0.04	0.05	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/08/05	0.04	0.05	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
4,4'-DDT	05/05/06	0.005	0.050	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
Dieldrin	11/30/93	0.05	---	—	ND	ND	ND	ND	ND	—	—	—	—	—	—
[0.004]	01/25/94	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	08/10/94	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	10/18/94	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	11/09/94	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/18/95	0.05	—	—	ND	ND	ND	ND	ND	—	—	—	—	—	—
	11/10/95	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	02/01/96	0.05	—	—	—	—	—	—	—	—	ND	ND	ND	—	—
	02/29/96	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	04/02/96	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/17/96	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	11/17/96	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/01/97	—	0.04	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	—
	10/30/97	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/07/98	0.002	0.04	—	0.019 J	ND	ND	ND	ND	—	ND	ND	ND	—	—
	07/16/98	0.002	0.04	—	ND	—	—	—	—	—	—	—	—	—	—
	11/05/98	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/10/99	—	0.1	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	09/30/99	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/03/00	0.05	0.2	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	05/10/01	0.01	0.05	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	05/13/02	0.01	0.05	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	05/20/03	0.02	0.05	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	05/20/04	0.02	0.05	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/15/04	0.02	0.05	—	—	—	—	—	—	—	—	—	—	—	—
	05/18/05	0.02	0.05	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/08/05	0.02	0.05	—	—	—	—	—	—	—	—	—	—	—	—
Dieldrin	05/05/06	0.006	0.050	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND

TABLE 1
SUMMARY OF DETECTED ORGANIC CONSTITUENTS
FRANKLIN COUNTY LANDFILL

Constituent	Date	Concentration (µg/L)													
GPS [µg/L]		DL	QL	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-6R	MW-11	MW-12	MW-13	MW-14	Blanks
Endrin	11/30/93	0.1	—	—	ND	ND	ND	ND	ND	—	—	—	—	—	—
[2]	01/25/94	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	08/10/94	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	10/18/94	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	11/09/94	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/18/95	0.1	—	—	ND	ND	ND	ND	ND	—	—	—	—	—	—
	11/10/95	—	—	—	—	—	—	—	—	—	ND	ND	ND	—	—
	02/01/96	0.1	—	—	—	—	—	—	—	—	—	—	—	—	—
	02/29/96	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	04/02/96	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/17/96	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	11/17/96	—	—	—	—	—	—	—	—	—	ND	ND	ND	—	—
	05/01/97	—	0.04	—	ND	ND	ND	ND	ND	—	—	—	—	—	—
	10/30/97	—	—	—	—	—	—	—	—	—	ND	ND	ND	—	—
	05/07/98	0.0034	0.04	—	ND	ND	0.005 J	ND	ND	—	—	—	—	—	—
	07/16/98	0.0034	0.04	—	—	—	ND	—	—	—	—	—	—	—	—
	11/05/98	—	—	—	—	—	—	—	—	—	—	—	—	—	ND
	05/10/99	—	0.1	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	—
	09/30/99	—	—	—	—	—	—	—	—	—	—	—	—	—	ND
	05/03/00	0.05	0.2	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	05/10/01	0.02	0.05	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	—
	10/09/01	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/13/02	0.02	0.05	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/18/02	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/20/03	0.02	0.05	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	05/20/04	0.02	0.05	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/15/04	0.02	0.05	—	—	—	—	—	—	—	—	—	—	—	—
	05/18/05	0.02	0.05	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/08/05	0.02	0.05	—	—	—	—	—	—	—	—	—	—	—	—
Endrin ketone	05/05/06	0.006	0.050	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
Endrin	05/05/06	0.004	0.050	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	0 J
Endrin aldehyde	05/03/00	0.04	0.16	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
[8]	05/10/01	0.02	0.05	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	05/13/02	0.02	0.05	—	ND	ND	ND	0.11	—	ND	ND	ND	ND	ND	ND
	11/18/02	0.02	0.05	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	05/20/03	0.02	0.05	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/10/03	0.02	0.05	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	05/20/04	0.02	0.05	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/15/04	0.02	0.05	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	05/18/05	0.02	0.05	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/08/05	0.02	0.05	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
Endrin aldehyde	05/05/06	0.004	0.050	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
Heptachlor	11/30/93	0.05	—	—	ND	ND	ND	ND	ND	—	—	—	—	—	—
[0.2]	01/25/94	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	08/10/94	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	10/18/94	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	11/09/94	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/18/95	0.05	—	—	ND	ND	ND	ND	ND	—	—	—	—	—	—
	11/10/95	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	02/01/96	0.05	—	—	—	—	—	—	—	—	ND	ND	ND	—	—
	02/29/96	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	04/02/96	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/17/96	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	11/17/96	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/01/97	—	0.04	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	—
	10/30/97	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/07/98	0.002	0.04	—	0.034 J	0.027 J	0.038 J	ND	ND	—	ND	ND	ND	—	—
	07/16/98	0.002	0.04	—	ND	0.004 J	0.031 J	—	—	—	—	—	—	—	—
	11/05/98	—	0.05	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	05/10/99	—	0.05	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	09/30/99	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/03/00	0.05	0.2	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	05/10/01	0.02	0.05	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
	10/09/01	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	05/13/02	0.02	0.05	—	ND	ND	ND	0.17	—	ND	ND	ND	ND	ND	ND
	11/18/02	0.03	0.05	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	05/20/03	0.03	0.05	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/10/03	0.03	0.05	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	05/20/04	0.03	0.05	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/15/04	0.03	0.05	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	05/18/05	0.03	0.05	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/08/05	0.03	0.05	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
Heptachlor	05/05/06	0.003	0.050	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
Methoxychlor	05/03/00	0.06	0.24	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
[40]	05/10/01	0.03	0.05	—	ND	ND	ND	ND	ND	—	ND	ND	ND	ND	ND
	05/13/02	0.03	0.05	—	0.43	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/18/02	0.06	0.05	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	05/20/03	0.06	0.05	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/10/03	0.06	0.05	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	05/20/04	0.06	0.05	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/15/04	0.06	0.05	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	05/18/05	0.06	0.05	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/08/05	0.06	0.05	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
Methoxychlor	05/05/06	0.006	0.050	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
2,4,5-TP (Silvex)	05/03/00	0.6	0.5	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
[50]	05/10/01	0.6	0.6	—	ND	ND	ND	ND	ND	—	ND	ND	ND	ND	ND
	05/13/02	0.6	0.6	—	0.9	0.6 J	ND	ND	—	ND	ND	ND	ND	ND	ND
	01/08/03	0.6	0.6	—	0.7	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	05/20/03	0.6	0.6	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/10/03	0.6	0.6	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	05/20/04	0.6	0.6	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/15/04	0.6	0.6	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	05/18/05	0.6	0.6	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/08/05	0.4	0.6	—	0.6	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
2,4,5-TP (Silvex)	05/05/06	0.04	0.1	—	ND	0.3	ND	ND	—	ND	ND	ND	ND	ND	ND
2,4,5-T	05/03/00	0.3	0.5	—	ND	ND	ND	ND	ND	—	ND	ND	ND	—	ND
[157]	05/10/01	0.3	0.5	—	ND	ND	ND	ND	ND	—	ND	ND	ND	ND	ND
	05/13/02	0.3	0.5	—	ND	ND	ND	0.4 J	—	ND	ND	ND	ND	ND	ND
	01/08/03	0.3	0.5	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	05/20/03	0.3	0.5	—	0.5 J	0.5 J	0.8	ND	—	ND	ND	ND	ND	ND	ND
	11/10/03	0.3	0.5	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	05/20/04	0.3	0.5	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/15/04	0.3	0.5	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	05/18/05	0.3	0.5	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
	11/08/05	0.3	0.5	—	ND	ND	ND	ND	—	ND	ND	ND	ND	ND	ND
2,4,5-T	05/05/06	0.03	0.1	—	0.09 J	0.5	ND	ND	—	ND	ND	ND	ND	ND	ND

Notes:
1. MW- = groundwater monitoring well
2. DL = laboratory detection limit
3. QL = laboratory quantitation limit
4. ND = not detected above method detection limit
5. — = not analyzed, or if used in DL/QL columns, DL/QL not reported
6. J = estimated concentration
7. B = reported detect considered to represent blank contamination.
8. Results of verification resampling completed on 07/16/98 for the May 1998 sampling event are reported below the original results.
9. MW-6R was installed on April 15, 2002 to replace MW-6 as background well.
10. Total xylenes in MW-02 during the 6/13/02 event represents a quantifiable detection of o-xylene at a concentration of 1.0 µg/L. The quantitation limit for o-xylene is 1 µg/L; thus, the "J" flag has been omitted.
11. Concentrations above the GPS are shaded.
12. * = Trihalomethane group. GPS for total trihalomethanes (bromodichloromethane, bromoform, chloroform, dibromochloromethane) = 80 µg/L.
13. Results of verification resampling completed on 07/15/03 for the May 2003 sampling event are reported below the original result for bis (2 ethyl-hexyl) phthalate.
14. MW-2 8260 results for Nov. 2003 sampling event were diluted by a factor of 1:2.
15. Results of verification resampling completed on 7/14/04 for the May 2004 sampling event are reported below the original result for bis (2 ethyl-hexyl) phthalate.

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Franklin County Sanitary Landfill
TABLE 2:

Summary of the November 2005 analytical results for wells in the vicinity of the proposed pump treat system before and after a 72-hour pump test.

Parameter	Method	MDL	MQL	GPS	Units	EW-1 Pre		EW-1 Post		MW-17S Pre		MW-17S Post		MW-17D Pre		MW-17D Post		OW-1S Pre		OW-1S Post		OW-1D Pre		OW-1D Post		MW-2 Pre		MW-2 Post		MAX.
Sample Date						11/12/05		11/18/05		11/08/06		11/18/05		11/08/06		11/18/05		11/09/06		11/18/05		11/12/06		11/18/05		11/08/06		11/18/05		
Antimony	7041	1	5	6	ug/L	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		1	J	1
Barium	6010	0.2	10	2000	ug/L	250		180		180		180		150		150		520		330		120		140		72		73		520
Beryllium	6010	0.7	1	4	ug/L	ND		ND		ND		0.7	J	ND		ND		ND		ND		ND		ND		ND		ND		0.7
Cobalt	6010	2	10	313	ug/L	67		71		2.8	J	4.1	J	29		35		100		100		5.5	J	8.9	J	43		43		100
	6010	2	10	15	ug/L			4.2	J	ND		ND				ND				ND		ND		3.4	J	2.9	J	2.3	J	
Mercury	7470	0.07	0.2	2	ug/L	ND		ND		ND		ND		ND		ND		ND		0.08	J	ND		ND		ND		ND		0.08
Nickel	6010	2	50	313	ug/L	ND		12	J	ND		2	J	ND		28	J	ND		20	J	ND		12	J	ND		ND		28
Selenium	6010	2	10	50	ug/L	ND		ND		ND		ND		ND		ND		ND		ND		6.7	J	6.4	J	ND		ND		6.7
Zinc	7950	3	50	4695	ug/L	ND		20	J	ND		13	J	ND		3	J			17	J	ND		99		92		38	J	99
Ethylbenzene	8260	0.2	1	700	ug/L	6		8		ND		ND		2		3		4		3	J	1		0.3	J	ND		0.8	J	8
2-Hexanone	8260	0.7	2	626	ug/L	ND		2		ND		ND		ND		ND		ND		ND		6		ND		ND		ND		6
	8260	0.4	1	5	ug/L			3		ND		ND				ND										ND		ND		140
	8260	0.8	2	50.08	ug/L	ND		2		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		2
	8260	0.3	1	2.33	ug/L	ND				ND		ND		ND				ND				ND		1		ND				16
	8260	0.3	1	5	ug/L					ND		ND												4		2		3		23
	8260	0.5	1	5	ug/L	ND		1		ND		ND				1				4	J			2		ND		ND		15
	8260	0.2	1	1000	ug/L	2				ND				ND		2		2		2	J	2				1		0.6	B	2
	8260	0.4	1	5	ug/L			3		ND		ND				3										ND		1		60
Trichlorofluoromethane	8260	0.2	1	470	ug/L	ND		ND		ND		ND		ND		0.4	J	ND		ND		ND		0.4	J	ND		ND		0.4
	8260	0.2	1	2	ug/L					ND		ND										ND		ND						89
Xylenes - total	8260	0.2	2	10000	ug/L	67		46		ND		ND		63		20		74		22		190		16		ND		0.5	J	190
Acetone	8260	2	2	224	ug/L	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		7	B	7
Chlorobenzene	8260	0.3	1	100	ug/L	ND		0.9	J	ND		ND		2		0.9	J	ND		2	J	ND		ND		ND		2		2
1,2-Dichlorobenzene	8260	0.3	1	600	ug/L	ND		0.3	J	ND		ND		ND		0.4	J	ND		ND		ND		ND		ND		0.6	J	0.6
1,4-Dichlorobenzene	8260	0.3	1	75	ug/L	7		8		ND		0.3	J	ND		8		18		14		11		6		16		11		18
Dichlorodifluoromethane	8260	0.2	1	125	ug/L	6		3		3		0.4	J	24		6		19		4	J	4		0.3	J	6		1	J	24
1,1-Dichloroethane	8260	0.2	1	296	ug/L	1		1	J	ND		ND		3		2		ND		2	J	3		1		ND		0.7	J	3
1, 2-Dichloroethane	8260	0.9	1	5	ug/L	ND		ND		ND		ND		ND		ND		ND		ND		4		ND		ND		ND		4
1, 1-Dichloroethene	8260	0.2	1	7	ug/L	ND		ND		ND		ND		ND		ND		3		ND		ND		ND		ND		ND		3
	8260	0.4	1	70	ug/L	12		31		2		0.6	J	28		23						50		50						410
t-1,2-Dichloroethene	8260	0.2	1	100	ug/L	ND		ND		ND		ND		ND		0.2	J	ND		1	J	ND		ND		8		ND		8
	8260	0.6	1	5	ug/L	ND		ND		ND		ND				ND		9		ND				ND		ND		ND		14
4-Chloro-3-methylphenol	8270	3	10	20	ug/L	16		17		ND		ND		ND		4	J	ND		5	J	ND		ND		7	J	6	J	17
Diethyl phthalate	8270	2	10	12520	ug/L	7	J	6	J	ND		ND		13		10		8	J	6	J	29		11		ND		ND		29
2, 4, 5-TP (Silvex)	8151	0.4	0.6	7000	ug/L	0.5	J	ND		ND		ND		ND		ND		0.5	J	ND		2		2		0.8		ND		2
Total VOC's						**212.5**		**199.2**		**5**		**1.5**		**305**		**171.9**		**643.5**		**583**		**535**		**178.4**		**252.8**		**184.2**		**643.5**
% decrease in Total VOC's								10.47%				70.00%				43.64%				9.40%				66.65%				27.14%		

- Any detection above MDL
- Detections above GPS
- Blank Qualified Pre Test
- Blank Qualified Post Test
- Found in Blanks form both Tests

MQL = Method Quantitation Limit

MDL = Method Detection Limit

GPS = Groundwater Protection Standards

ND = Not Detected (Below MDL)

J = Estimated Value (Above MDL but below MQL)

Pre = samples obtained prior to the 72-hour pump test on extraction well EW-1

Post = samples obtained after the 72-hour pump test on extraction well EW-1