WMX

US EPA.

Wheelabrator EOS Inc.
A WMX Technologies Company

SSS Environmental Division
921 Saw Mill Run Boulevard
Pittsburgh, PA 15220

Phone 412.381.3622
Fax 412.381.6271

May 20, 1997

Mr. James S. Haklar, P.E.
New Jersey Branch II
Emergency and Remedial Response
United States Environmental Protection Agency
290 Broadway, 19th Floor
New York, NY 10007-1866

Re: April 1997 Discharge Monitoring Report
Leachate Treatment Plant, Operable Unit 1
Kin-Buc Landfill Superfund Site

Dear Mr. Haklar:

The April Discharge Monitoring Report (DMR) for the Leachate Treatment Plant of Operable Unit 1, Kin-Buc Landfill Superfund Site, prepared by Wheelabrator EOS, Inc., is attached. We will provide copies of the DMR to Ian Curtis and Susan Dietrick at the NJDEP.

Should you have any questions concerning the DMR or other site items, please contact me or Pete Watkins at the Kin-Buc site.

Very truly yours,
WHEELABRATOR EOS, INC.
On behalf of SCA Services, Inc.,

Dennis J. Duryea, P.E.
Division Manager

Enclosure

cc: Ian Curtis - NJDEP
Susan Dietrick - NJDEP
Stephen Joyce - SCA
Bob Morano - Kin-Buc Inc.
Wayne Thurman - SCA

568421

Printed on recycled paper

Form T-VWX-014
8/93

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WATER RESOURCES

Figure 3

MONITORING REPORT – TRANSMITTAL SHEET

NJPDES NO	REPORTING PERIOD MO. YR.		MO. YR.
NJ.P.L.R.M.V.E.Q.U.D	03.97	THRU	04.97

PERMITTEE: Name MR WAYNE THURMAN / CARL JANUSZKIEWICZ
Address 420 LINCOLN CROSSING
FAIRLESS HILLS, PA. 19030

FACILITY: Name KIN-BUC LANDFILL TREATMENT PLANT
Address 383 MEADOW Rd.
EDISON, MIDDLESEX County NJ.
Telephone 908. 572 4743

FORMS ATTACHED *(Indicate Quantity of Each)*

SLUDGE REPORTS - SANITARY
☐ T-VWX-007 ☐ T-VWX-008 ☐ T-VWX-009

SLUDGE REPORTS - INDUSTRIAL
☐ T-VWX-010A ☐ T-VWX-010B

WASTEWATER REPORTS
☐ T-VWX-011 ☐ T-VWX-012 ☐ T-VWX-013

GROUNDWATER REPORTS
☐ VWX-015(A,B) ☐ VWX-016 ☐ VWX-017

NPDES DISCHARGE MONITORING REPORT
☒ EPA FORM 3320-1

OPERATING EXCEPTIONS

	YES	NO
DYE TESTING	☐	☒
TEMPORARY BYPASSING	☐	☒
DISINFECTION INTERRUPTION	☐	☒
MONITORING MALFUNCTIONS	☐	☒
UNITS OUT OF OPERATION	☐	☒
OTHER	☐	☒

(Detail any "Yes" on reverse side in appropriate space.)

NOTE: *The "Hours Attended at Plant" on the reverse of this sheet must also be completed.*

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

LICENSED OPERATOR

Name (Printed) PIERRE A WATKINS
Grade & Registry No. 000879 N-4
Signature Pierre A Watkins

PRINCIPAL EXECUTIVE OFFICER or DULY AUTHORIZED REPRESENTATIVE

Name (Printed) PIERRE A. WATKINS
Title (Printed) SITE MANAGER
Signature Pierre A Watkins

Date MAY 22, 1997 Date MAY 22, 1997

OPERATING EXCEPTIONS DETAILED

Month 04 Year 97

HOURS ATTENDED AT PLANT

Day of Month	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Licensed Operator	8	8	8	8	–	–	8	8	8	8	8	–	–	8	8	8
Others	12	8	16	16	8	8	12	12	12	16	16	16	8	12	12	12

Day of Month	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Licensed Operator	8	8	–	–	8	8	8	8	8	–	–	8	8	8	
Others	16	16	16	8	12	12	12	16	16	16	8	12	12	12	

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)
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420 Lincoln Highway
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LOCATION Edison, NJ

DISCHARGE MONITORING REPORT (DMR)

(2-16) PERMIT NUMBER: NJ Permit Equil.
(17-19) DISCHARGE NUMBER: 001

Form Approved.
OMB No. 2040-0004
Approval expires 10-31-94

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	97	4	1	TO	97	4	30
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) (46-53) QUANTITY OR LOADING (54-61) AVERAGE	MAXIMUM	UNITS	(4 Card Only) (38-45) QUALITY OR CONCENTRATION (46-53) MINIMUM	AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPL TYPE (69-70)
Flow	SAMPLE MEASUREMENT	0.02894	0.03485							Cont	Flow meter
	PERMIT REQUIREMENT	Report Only	Report Only	MGD	**********	**********	**********	*******		Cont.	Flow Meter
pH	SAMPLE MEASUREMENT				6.02		7.22			1/wk	Grab
	PERMIT REQUIREMENT	**********	**********	*******	6.0 DailyMin	**********	9.0	S.U.		Weekly	Grab
Petroleum Hydrocarbons	SAMPLE MEASUREMENT					<0.5	<0.5			2/mo	Grab
	PERMIT REQUIREMENT	**********	**********	*******	**********	10	15	mg/l		2/month	Grab
COD	SAMPLE MEASUREMENT	18.35	26.90			196	235			3/mo	Comp
	PERMIT REQUIREMENT	Report Only	Report Only	kg/day	**********	Report Only		mg/l		2/month	Comp.
BOD-5 % Removal	SAMPLE MEASUREMENT				99					2/mo	Calc
	PERMIT REQUIREMENT	**********	**********	*******	90	**********	**********	%		2/month	Calc.
Total Suspended Solids	SAMPLE MEASUREMENT	0.15282	0.19237			1.77	2.33			1/wk	Comp
	PERMIT REQUIREMENT	Report Only	Report Only	kg/day	**********	30	45 (1)	mg/l		Weekly	Comp.
Dissolved Oxygen	SAMPLE MEASUREMENT				8.1					1/wk	Comp
	PERMIT REQUIREMENT	**********	**********		4.0 Min. Instant.	**********	**********	mg/l		Weekly	Comp.

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
Pierre A. Watkins, Sr.
Plant Supervisor
TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED 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. 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 5 years.)

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: AREA CODE 908, NUMBER 572-4743

DATE: YEAR 97, MO 05, D 22

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

(REFER TO EPA FORM 1 40 WHICH MAY NOT BE USED)

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Benzene	SAMPLE MEASUREMENT	<0.000544	<0.000544			<5.0	<5.0			2/mo	Grab
	PERMIT REQUIREMENT	0.009	0.02	kg/day	**********	57	134	ug/l		2/month	Grab
Chlorobenzene	SAMPLE MEASUREMENT	<0.000370	<0.000370			<3.4	<3.4			2/mo	Grab
	PERMIT REQUIREMENT	0.022	0.058	kg/day	**********	142	380	ug/l		2/month	Grab
1,1 Dichloroethene	SAMPLE MEASUREMENT	<0.000326	<0.000326			<3.0	<3.0			2/mo	Grab
	PERMIT REQUIREMENT	0.003	0.009	kg/day	**********	22	59	ug/l		2/month	Grab
Ethylbenzene	SAMPLE MEASUREMENT	<0.000544	<0.000544			<5.0	<5.0			2/mo	Grab
	PERMIT REQUIREMENT	0.022	0.058	kg/day	**********	142	380	ug/l		2/month	Grab
Tetrachloroethylene	SAMPLE MEASUREMENT	<0.000381	<0.000381			<3.5	<3.5			2/mo	Grab
	PERMIT REQUIREMENT	0.008	0.025	kg/day	**********	52	164	ug/l		2/month	Grab
Toluene	SAMPLE MEASUREMENT	<0.000544	<0.000544			<5.0	<5.0			2/mo	Grab
	PERMIT REQUIREMENT	0.004	0.011	kg/day	**********	28	74	ug/l		2/month	Grab
1,2-transDichloroethylene	SAMPLE MEASUREMENT	<0.000359	<0.000359			<3.3	<3.3			2/mo	Grab
	PERMIT REQUIREMENT	0.004	0.009	kg/day	**********	25	60	ug/l		2/month	Grab

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TELEPHONE: AREA CODE 908, NUMBER 572-4743

DATE: YEAR 95, MO 05, D 22

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

(REFER TO FORM 40 WHICH MAY NOT BE USED)

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)
NAME Mr. Wayne Thurman / Carl Januszkiewicz
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LOCATION Edison, NJ

DISCHARGE MONITORING REPORT (DMR)

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Trichloroethylene	SAMPLE MEASUREMENT	<0.000304	<0.000304			<2.8	<2.8			2/mo	Grab
	PERMIT REQUIREMENT	0.004	0.010	kg/day	**********	26	69	ug/l		2/month	Grab
Vinyl Chloride	SAMPLE MEASUREMENT	<0.000462	<0.000462			<4.0	<4.0			1/wk	Grab
	PERMIT REQUIREMENT	0.008	0.016	kg/day	**********	52.8	106	ug/l		Weekly	Grab
Acenaphthylene	SAMPLE MEASUREMENT	<0.0000296	<0.0000296			<0.94	<0.94			1/mo	Grab
	PERMIT REQUIREMENT	0.00026	0.00052	kg/day	**********	1.72	3.43	ug/l		Monthly	Grab
Benzo(a)Anthracene	SAMPLE MEASUREMENT	<0.0000281	<0.0000281			<0.89	<0.89			1/mo	Grab
	PERMIT REQUIREMENT	0.00026	0.00052	kg/day	**********	1.72	3.43	ug/l		Monthly	Grab
Benzo(a)Pyrene	SAMPLE MEASUREMENT	<0.0000151	<0.0000151			<0.48	<0.48			1/mo	Grab
	PERMIT REQUIREMENT	0.00026	0.00052	kg/day	**********	1.72	3.43	ug/l		Monthly	Grab
Benzo(ghi)Perylene	SAMPLE MEASUREMENT	<0.0000171	<0.0000171			<0.54	<0.54			1/mo	Grab
	PERMIT REQUIREMENT	0.00026	0.00052	kg/day	**********	1.72	3.43	ug/l		Monthly	Grab
Benzo(k)Fluoranthene	SAMPLE MEASUREMENT	<0.0000290	<0.0000290			<0.92	<0.92			1/mo	Grab
	PERMIT REQUIREMENT	0.00026	0.00052	kg/day	**********	1.72	3.43	ug/l		Monthly	Grab

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TELEPHONE: AREA CODE 908 — NUMBER 572-4743

DATE: YEAR 97 — MO 05 — D 22

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

(REPLACES EPA FORM 7 40 WHICH MAY NOT BE USED)

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Ideno(1,2,3cd)Pyrene	SAMPLE MEASUREMENT	<0.0000186	<0.0000186	kg/day		<0.59	<0.59	ug/l		1/mo	Grab
	PERMIT REQUIREMENT	0.00026	0.00052		**********	1.72	3.43			Monthly	Grab
Phenanthrene	SAMPLE MEASUREMENT	<0.0000658	<0.0000658	kg/day		<0.57	<0.57	ug/l		1/wk	Grab
	PERMIT REQUIREMENT	**********	**********		**********	Report Only	5.4(2)			Weekly	Grab
Aldrin	SAMPLE MEASUREMENT	<0.0000016	<0.0000016	kg/day		<0.050	<0.050	ug/l		1/mo	Grab
	PERMIT REQUIREMENT	0.000135	0.00026		**********	0.0875	0.176			Monthly	Grab
4,4-DDT	SAMPLE MEASUREMENT	<0.0000115	<0.0000115	kg/day		<0.10	<0.10	ug/l		1/wk	Grab
	PERMIT REQUIREMENT	0.0000578	0.000116		**********	0.38	0.765			Weekly	Grab
PCB-1242	SAMPLE MEASUREMENT	<0.0000346	<0.0000346	kg/day		<0.30	<0.30	ug/l		1/wk	Grab
	PERMIT REQUIREMENT	**********	**********		**********	Report Only	0.5(2)			Weekly	Grab
PCB-1248	SAMPLE MEASUREMENT	<0.0000346	<0.0000346	kg/day		<0.30	<0.30	ug/l		1/wk	Grab
	PERMIT REQUIREMENT	**********	**********		**********	Report Only	0.5(2)			Weekly	Grab
PCB-1254	SAMPLE MEASUREMENT	<0.0000346	<0.0000346	kg/day		<0.30	<0.30	ug/l		1/wk	Grab
	PERMIT REQUIREMENT	**********	**********		**********	Report Only	0.5(2)			Weekly	Grab

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Plant Supervisor
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PCB-1260	SAMPLE MEASUREMENT	<0.0000346	<0.0000346			<0.30	<0.30			1/wk	Grab
	PERMIT REQUIREMENT	**********	**********	*******	**********	Report Only	0.5(2)	ug/l		Weekly	Grab
Arsenic	SAMPLE MEASUREMENT	0.002716	0.003378			31.8	43.1			1/wk	Comp
	PERMIT REQUIREMENT	0.013	0.026	kg/day	**********	85.8	172	ug/l		Weekly	Comp.
Cadmium	SAMPLE MEASUREMENT	<0.000577	<0.000577			<5.0	<5.0			1/wk	Comp
	PERMIT REQUIREMENT	0.0073	0.017	kg/day	**********	48.2	112	ug/l		Weekly	Comp.
Chromium	SAMPLE MEASUREMENT	<0.00115	<0.00115			<10	<10			1/wk	Comp
	PERMIT REQUIREMENT	0.030	0.060	kg/day	**********	198	396	ug/l		Weekly	Comp.
Copper	SAMPLE MEASUREMENT	0.000307	0.000568			3.2	5.0			1/wk	Comp
	PERMIT REQUIREMENT	**********	**********	*******	**********	Report Only	10	ug/l		Weekly	Comp.
Lead	SAMPLE MEASUREMENT	<0.000544	<0.000544			<5.0	<5.0			1/wk	Comp
	PERMIT REQUIREMENT	**********	**********	*******	**********	Report Only	10	ug/l		Weekly	Comp.
Nickel	SAMPLE MEASUREMENT	0.00863	0.01074			91.5	98.3			1/wk	Comp
	PERMIT REQUIREMENT	0.140	0.281	kg/day	**********	924	1850	ug/l		Weekly	Comp.

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Plant Manager
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TELEPHONE: 908 (AREA CODE) 572-4743 (NUMBER)

DATE: 97 (YEAR) 05 (MO) 22 (D)

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Zinc	SAMPLE MEASUREMENT	0.00331	0.00511	kg/day		38.6	51.8	ug/l		1/wk	Comp
	PERMIT REQUIREMENT	0.177	0.356		**********	1170	2350			Weekly	Comp.
Cyanide	SAMPLE MEASUREMENT	<0.00115	<0.00115	kg/day		<10	<10	ug/l		1/wk	Comp
	PERMIT REQUIREMENT	0.002	0.004		**********	13.2	26.4			Weekly	Comp.
Aluminum	SAMPLE MEASUREMENT	<0.11538	<0.11538	kg/day		<100	<100	ug/l		1/wk	Comp
	PERMIT REQUIREMENT	1.40	2.81		**********	9240	18,500			Weekly	Comp.
Iron	SAMPLE MEASUREMENT	0.02037	0.03825	kg/day		204	334	ug/l		1/wk	Comp
	PERMIT REQUIREMENT	80.6	162		**********	532,000	1,070,000			Weekly	Comp.
Acute Toxicity, (LC50)	SAMPLE MEASUREMENT			******	>100			%		See Permit Equivalent	
	PERMIT REQUIREMENT	**********	**********		50(3)	**********	**********				
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
Pierre A. Watkins, Sr.
Plant Supervisor
TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED 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. 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 5 years.)

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: AREA CODE 908 — NUMBER 572-4743

DATE: YEAR 97 — MO 05 — D 22

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

(ATTACHED FOR FORM 40 WHICH MAY NOT BE USED)