Sewer Acct. #: **0511559802**

Company: **BRIDGETON LANDFILL LLC**

Address: 13570 St Charles Rock Road

City: Bridgeton

State and Zip: MO 63044

Ind_id	File Code	File Description
17941	41	PERMIT OVERFLOW

ACCOUNT NUMBER: 0511-5598-02

COMPANY NAME: BRIDGETON LANDFILL, LLC
13570 St. Charles Rock Road
St. Louis, MO 63044

CORRESPONDENCE

FROM 96 **THRU** 2001

Permit
LS

☐ **CORRESPONDENCE LOCATED IN OVERFLOW FILE**

PERMIT OVERFLOW

BRIDGETON
Landfill Authority
13570 St. Charles Rock Rd.
Bridgeton, MO 63044
314/739-1919 • Fax 314/739-2588

FG 9/65/2

FG 12/10/01

December 7, 2001

Mr. Fabian Grabski
Metropolitan St. Louis Sewer District
Department of Environmental Compliance
10 East Grand Avenue
St. Louis, MO 63147-2913

Re: Bridgeton Sanitary Landfill
MSD Discharge Permit No. 05115598-02
Fourth Quarter 2001

Dear Mr. Grabski:

Please find enclosed the fourth quarter 2001 leachate sample analysis obtained form sample point 005. The results of the leachate analysis are in compliance with permit number 05115598-02.

Also please find enclosed the year to date leachate volume reports through November 2001. If you have any further questions please contact me at (314) 739-1919, Ext. 112.

Very truly yours,

Rich Ferris

Rich Ferris
Operations Manager

cc: Brad Bomanz, St. Louis County DOH
Doug Borro
Keith Shirley
Rod Bloese
Matt Kingsley

METROPOLITAN ST. LOUIS SEWER DISTRICT
INDUSTRIAL USER SELF MONITORING REPORT

PLEASE READ THE INSTRUCTIONS BEFORE COMPLETING THIS REPORT

Part I: Identifying Information

Company Name: Bridgeton Landfill, LLC

Permit No.: 05115598-02

Premise Address: 13570 St. Charles Rock Road, Bridgeton, MO 63044

Monitoring Period: ☐ (Jan-Mar) ☐ (Apr-Jun) ☐ (July-Sept) ☒ (Oct-Dec)

Samples Collected By: Jonathan Wilkinson (Herst & Associates, Inc.)

Analyses Performed By: Heritage Environmental Services, LLC

Part II: Analytical Results of Self Monitoring

MSD Sample Point Reference Numbers →		Outfall 005						
Dates on which samples were collected →		10/2 – 10/3/2001						
Times at which samples were collected →		1315, 1850, 0705, 1255						
Parameter	**Limit**	**Record Sample Types (G, C, M, or E) and Results Below G=grab, C=composite, M=measured flow, E=estimated flow**						**Units**
Flow	***	E	363,000					gpd
Biochemical Oxygen Demand	****	C	160					mg/l
Chemical Oxygen Demand	****	C	1200					mg/l
Oil and Grease (Total)	200	G	6.6					mg/l
pH Acidic (<7)	5.5	G						s.u.
pH Basic (≥7)	11.5	G	7.8					s.u.
Temperature	60	G	21.0					°C
Ammonia (as N)	****	C	250					mg/l
Total Suspended Solids	****	C	140					mg/l
Arsenic (Total)	0.4	C	0.040					mg/l
Cadmium (Total)	0.7	C	<0.012					mg/l
Chromium (Total)	5.0	C	0.030					mg/l
Copper (Total)	2.7	C	<0.050					mg/l
Lead (Total)	0.4	C	<0.025					mg/l
Mercury (Total)	0.01	C	<0.0002					mg/l
Nickel (Total)	2.3	C	0.040					mg/l
Zinc (Total)	3.0	C	<0.050					mg/l

You must complete and sign the certification statements on the next page.

Part III: Special Certification Statements

Based on the special conditions contained in your discharge permit you may be required to certify one of more of the following. Please review your permit and **place your initials in the boxes next to those certifications which are applicable to your facility**. If your permit contains no Special Conditions, then none of the certifications in **Part III** apply to you. **Go on to Part IV.**

A. If your permit special conditions waive monitoring at any sample point(s) specified in your permit, you are required to make the following certification:

☐ I certify, since the last discharge monitoring report, there has been no change in the character of the wastes discharged at sampling point(s)_____.

B. If your permit special conditions waive monitoring at active connection points which are not specified as sample points in your permit, you are required to make the following certification:

☒ I certify, since the last discharge monitoring report, there has been no change in the character of wastes discharged at those active connection points which are not specified in my permit.

C. If your permit special conditions waive monitoring at inactive connection points, you are required to make the following certification:

☐ I certify, since the permit issue date, there has been no change in the status of connection points identified as inactive. These points remain inactive and no discharge occurred during the period covered by this report.

D. If your permit special conditions authorize grab sample collection in lieu of composite sampling at any sample point(s), you are required to make the following certification:

☐ I certify the grab sample results in this report accurately represent our average daily discharge at sample points(s) _____.

E. If your permit special conditions prohibit discharge of wastes which are subject to certain categorical pretreatment standards, you are required to make the following certification:

☐ I certify, since the last discharge monitoring report, there has been no discharge of wastes which are subject to pretreatment standards in 40 CFR _____.

F. Discharges subject to Pharmaceutical Categorical Standards (40 CFR 439) can be exempted from limitations and monitoring for Total Cyanide at the Pharmaceutical sample point(s) subjected to the following certification:

☐ I certify, since the last discharge monitoring report, cyanide has not been used or generated in any pharmaceutical manufacturing process subject to Categorical Standards in 40 CFR 439.

G. Discharges Subject to Categorical Standards for Electroplating (40 CFR 413), Metal Finishing (40 CFR 433) or Electrical & Electronic Components (40 CFR 469) can be exempted from TTO monitoring only at the Electroplating, Metal Finishing or Electrical & Electronic Components sample point(s) subject to the following certification:

☐ Based on my inquiry of the person or persons directly responsible for managing compliance with the permit limitation for total toxic organics (TTO), I certify that, to the best of my knowledge and belief, no dumping of concentrated toxic organics into the wastewaters has occurred since filing the last discharge monitoring report. I further certify that this facility is implementing the toxic organic management plan submitted to MSD.

Part IV: Special Certification Statements

Initial the box for statement A if it applies to you. **Everyone must complete the information under statement B and sign this report.**

A. Discharges at sample points subject only to MSD Ordinance limits can be exempted from TTO monitoring subject to the following certification:

☐ In lieu of monitoring for TTO at sample point(s) _____, I certify that to the best of my knowledge and belief, no toxic organics have been used at this premise or discharged into the wastewaters since filing of the last discharge monitoring report.

B. **Discharge Monitoring Report 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 designated 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.

Print or type name of signing official: Matt Kingsley

Title: General Manager Telephone: (314) 739-1919

Signature: Matt Kingsley Date: 12/7/01

Bridgeton Landfill, LLC
Monthly Leachate Lagoon Meter Reading
Outfall 005

Month	Date of Reading	Gallons	Average Daily Discharge (Gal)	Equivalent Cubic Feet	Equivalent 100 Cubic Feet	Charge Per 100 Cubic Feet	Amount Due
January	1/31/01	6,590,000	212,581	881,016.04	8,810.16	$1.05	$9,250.67
February	2/28/01	3,788,000	135,286	506,417.11	5,064.17	$1.05	$5,317.38
March	3/31/01	0	0	0.00	0.00	$1.05	$0.00
April	4/30/01	7,705,000	256,833	1,030,080.21	10,300.80	$1.05	$10,815.84
May	5/31/01	7,842,000	252,968	1,048,395.72	10,483.96	$1.05	$11,008.16
June	6/30/01	0	0	0.00	0.00	$1.05	$0.00
July	7/31/01	5,613,000	181,065	750,401.07	7,504.01	$1.05	$7,879.21
August	8/31/01	7,223,000	233,000	965,641.71	9,656.42	$1.05	$10,139.24
September	9/30/01	0	0	0.00	0.00	$1.05	$0.00
October	10/31/01	11,355,000	366,290	1,518,048.13	15,180.48	$1.05	$15,939.51
November	11/30/01	6,595,000	212,742	881,684.49	8,816.84	$1.05	$9,257.69
December	12/31/01		0	0.00	0.00	$1.05	$0.00

Metropolitan
St. Louis Sewer
District

Office of Environmental Compliance
10 East Grand Avenue
St. Louis, MO 63147-2913
(314) 436-8710
FAX (314) 436-8753

December 5, 2001

Matt Kingsley
Site Manager
BRIDGETON LANDFILL LLC
13570 St. Charles Rock Road
Bridgeton, MO 63044

RE: NOTICE OF PERMIT VIOLATIONS

Discharge Permit No: 05115598-00
For premise at: 13570 St. Charles Rock Road

Dear Mr. Kingsley:

A periodic District review of recent and past self-monitoring reports submitted by the Bridgeton Landfill has identified a violation of permit terms and conditions as follows:

VIOLATIONS OF PERMIT TERMS/CONDITIONS:

Our review of all submitted self-monitoring reports indicates that TTO has not been monitored and reported at sampling point 005 since May 31, 2000. The permit requires that TTO be reported once per year for sampling point 005. The TTO is to include analyses for all "applicable toxic organics". The "applicable toxic organics" are those which are or may be present in your discharge. Generally these will be the toxic organics which were denoted as being suspected or known present on the permit application completed by the Bridgeton Landfill, plus any which may have been added since the date of the application. The "applicable toxic organic" compounds identified on the June 12, 2000 application by the Bridgeton Landfill are 1,1-Dichloroethane, 1,1-Dichloroethene, Anthracene, Chloroethane, Chlorobenzene, Ethylbenzene, Methylene Chloride, PCB 1248, PCB 1260, Phenol, Toluene, Trichloroethene, and Vinyl Chloride which, were denoted as being suspected present on your premise.

REQUIRED ACTION/RESPONSE:

Failure to perform the monitoring and reporting requirements of your permit places your company in Significant Noncompliance (SNC), as defined in District ordinance 8472 and federal pretreatment regulations 40 CFR 403. SNC companies are subject to enforcement action by the District. At a minimum, the District is required to list SNC companies in an annual newspaper publication.

Submit a report of corrective actions, which you have initiated, to ensure that the sampling, analytical and reporting requirements will be met in future reporting quarters. Please submit your corrective action response by January 7, 2002.

Additionally, we ask that the Bridgeton Landfill complete a TTO analysis for sampling point 005 no later than first quarter 2002. Please note that the TTO analysis need only include the compounds indicated as suspected present on the aforementioned June 12, 2000 permit application. However, if the aforementioned compounds have been removed from your premise, please provide supporting documentation to the District. Sampling and reporting for TTO at sampling point 005 will not be required if these compounds have been removed from your premise.

If you have any questions, please contact me at 436-8756.

Sincerely,
METROPOLITAN ST. LOUIS SEWER DISTRICT

Fabian T. Grabski
Assistant Engineer

pc: Suspense file

cc: Douglas Mendoza
Permit file

BRIDGETON
Landfill Authority
13570 St. Charles Rock Rd.
Bridgeton, MO 63044
314/739-1919 • Fax 314/739-2588

FG 9/20/01 Comm

FG 9/20/01

September 7, 2001

Mr. Fabian Grabski
Metropolitan St. Louis Sewer District
Department of Environmental Compliance
10 East Grand Avenue
St. Louis, MO 63147-2913

Re: Bridgeton Sanitary Landfill
MSD Discharge Permit No. 05115598-02
Third Quarter 2001

Dear Mr. Grabski:

Please find enclosed the third quarter 2001 leachate sample analysis obtained form sample point 005. The results of the leachate analysis are in compliance with permit number 05115598-02.

Also please find enclosed the year to date leachate volume reports through August 2001. If you have any further questions please contact me at (314) 739-1919, Ext. 112.

Very truly yours,

Rich Ferris

Rich Ferris
Operations Manager

cc: Brad Bomanz, St. Louis County DOH
Doug Borro
Keith Shirley
Rod Bloese
Matt Kingsley

RECEIVED
SEP 10 2001

METROPOLITAN ST. LOUIS SEWER DISTRICT
INDUSTRIAL USER SELF MONITORING REPORT

PLEASE READ THE INSTRUCTIONS BEFORE COMPLETING THIS REPORT

Part I: Identifying Information

Company Name: Bridgeton Landfill, LLC

Permit No.: 05115598-02

Premise Address: 13570 St. Charles Rock Road, Bridgeton, MO 63044

Monitoring Period: ☐ (Jan-Mar) ☐ (Apr-Jun) ☒ (July-Sept) ☐ (Oct-Dec)

Samples Collected By: Jonathan Wilkinson (Herst & Associates, Inc.)

Analyses Performed By: Pace Analytical Services, Inc.

Part II: Analytical Results of Self Monitoring

MSD Sample Point Reference Numbers →		Outfall 005						
Dates on which samples were collected →		8/6 – 8/7/2001						
Times at which samples were collected →		1050, 1455, 1902, 0926						
Parameter	**Limit**	**Record Sample Types (G, C, M, or E) and Results Below G=grab, C=composite, M=measured flow, E=estimated flow**						**Units**
Flow	***	E	210,337					gpd
Biochemical Oxygen Demand	****	C	153					mg/l
Chemical Oxygen Demand	****	C	940					mg/l
Oil and Grease (Total)	200	G	<5.00					mg/l
pH Acidic (<7)	5.5	G						s.u.
pH Basic (≥7)	11.5	G	7.87					s.u.
Temperature	60	G	28.1					°C
Ammonia (as N)	*****	C	179					mg/l
Total Suspended Solids	****	C	142					mg/l
Arsenic (Total)	0.4	C						mg/l
Cadmium (Total)	0.7	C						mg/l
Chromium (Total)	5.0	C	0.0247					mg/l
Copper (Total)	2.7	C	<0.005					mg/l
Lead (Total)	0.4	C						mg/l
Mercury (Total)	0.01	C	<0.0002					mg/l
Nickel (Total)	2.3	C	0.0414					mg/l
Zinc (Total)	3.0	C	<0.020					mg/l

You must complete and sign the certification statements on the next page.

5988 Mid Rivers Mall Drive, Suite 136
St. Charles, Missouri 63304, USA

Telephone ~~(636) 939-9111~~
Fax (636) 939-9757

Part III: Special Certification Statements

Based on the special conditions contained in your discharge permit you may be required to certify one of more of the following. Please review your permit and **place your initials in the boxes next to those certifications which are applicable to your facility**. If your permit contains no Special Conditions, then none of the certifications in **Part III** apply to you. **Go on to Part IV.**

A. If your permit special conditions waive monitoring at any sample point(s) specified in your permit, you are required to make the following certification:

☐ I certify, since the last discharge monitoring report, there has been no change in the character of the wastes discharged at sampling point(s)_____.

B. If your permit special conditions waive monitoring at active connection points which are not specified as sample points in your permit, you are required to make the following certification:

☐ I certify, since the last discharge monitoring report, there has been no change in the character of wastes discharged at those active connection points which are not specified in my permit.

C. If your permit special conditions waive monitoring at inactive connection points, you are required to make the following certification:

☐ I certify, since the permit issue date, there has been no change in the status of connection points identified as inactive. These points remain inactive and no discharge occurred during the period covered by this report.

D. If your permit special conditions authorize grab sample collection in lieu of composite sampling at any sample point(s), you are required to make the following certification:

☐ I certify the grab sample results in this report accurately represent our average daily discharge at sample points(s) _____.

E. If your permit special conditions prohibit discharge of wastes which are subject to certain categorical pretreatment standards, you are required to make the following certification:

☐ I certify, since the last discharge monitoring report, there has been no discharge of wastes which are subject to pretreatment standards in 40 CFR _____.

F. Discharges subject to Pharmaceutical Categorical Standards (40 CFR 439) can be exempted from limitations and monitoring for Total Cyanide at the Pharmaceutical sample point(s) subjected to the following certification:

☐ I certify, since the last discharge monitoring report, cyanide has not been used or generated in any pharmaceutical manufacturing process subject to Categorical Standards in 40 CFR 439.

G. Discharges Subject to Categorical Standards for Electroplating (40 CFR 413), Metal Finishing (40 CFR 433) or Electrical & Electronic Components (40 CFR 469) can be exempted from TTO monitoring only at the Electroplating, Metal Finishing or Electrical & Electronic Components sample point(s) subject to the following certification:

☐ Based on my inquiry of the person or persons directly responsible for managing compliance with the permit limitation for total toxic organics (TTO), I certify that, to the best of my knowledge and belief, no dumping of concentrated toxic organics into the wastewaters has occurred since filing the last discharge monitoring report. I further certify that this facility is implementing the toxic organic management plan submitted to MSD.

Part IV: Special Certification Statements

Initial the box for statement A if it applies to you. **Everyone must complete the information under statement B and sign this report.**

A. Discharges at sample points subject only to MSD Ordinance limits can be exempted from TTO monitoring subject to the following certification:

☐ In lieu of monitoring for TTO at sample point(s) _____, I certify that to the best of my knowledge and belief, no toxic organics have been used at this premise or discharged into the wastewaters since filing of the last discharge monitoring report.

B. **Discharge Monitoring Report 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 designated 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.

Print or type name of signing official: Matt Kingsley

Title: General Manager Telephone: (314) 739-1919

Signature: Matt Kingsley Date: 9/6/01

5988 Mid Rivers Mall Drive, Suite 136
St. Charles, Missouri 63304, USA

Telephone (636) 939-9111
Fax (636) 939-9757

Bridgeton Landfill, LLC
Monthly Leachate Lagoon Meter Reading
Outfall 005

Month	Date of Reading	Gallons	Average Daily Discharge (Gal)	Equivalent Cubic Feet	Equivalent 100 Cubic Feet	Charge Per 100 Cubic Feet	Amount Due
January	1/31/01	6,590,000	212,581	881,016.04	8,810.16	$1.05	$9,250.67
February	2/28/01	3,788,000	135,286	506,417.11	5,064.17	$1.05	$5,317.38
March	3/31/01	0	0	0.00	0.00	$1.05	$0.00
April	4/30/01	7,705,000	256,833	1,030,080.21	10,300.80	$1.05	$10,815.84
May	5/31/01	7,842,000	252,968	1,048,395.72	10,483.96	$1.05	$11,008.16
June	6/30/01	0	0	0.00	0.00	$1.05	$0.00
July	7/31/01	5,613,000	181,065	750,401.07	7,504.01	$1.05	$7,879.21
August	8/31/01	7,223,000	233,000	965,641.71	9,656.42	$1.05	$10,139.24
September	9/30/01		0	0.00	0.00	$1.05	$0.00
October	10/31/01		0	0.00	0.00	$1.05	$0.00
November	11/30/01		0	0.00	0.00	$1.05	$0.00
December	12/31/01		0	0.00	0.00	$1.05	$0.00

MSD 022282

5-31-01

BRIDGETON
Landfill Authority

13570 St. Charles Rock Rd.
Bridgeton, MO 63044
314/739-1919 • Fax 314/739-2588

RECEIVED
MAY 30 2001
OFFICE OF ENVIRONMENTAL COMPLIANCE

May 29, 2001

Mr. Fabian Grabski
Metropolitan St. Louis Sewer District
Department of Environmental Compliance
10 East Grand Avenue
St. Louis, MO 63147-2913

Re: Bridgeton Sanitary Landfill
MSD Discharge Permit No. 05115598-02
Second Quarter 2001

Dear Mr. Grabski:

Please find enclosed the second quarter 2001 leachate sample analysis obtained form sample point 005. The results of the leachate analysis are in compliance with permit number 05115598-02.

Also please find enclosed the year to date leachate volume reports through April 2001. If you have any further questions please contact me at (314) 739-1919, Ext. 112.

Very truly yours,

Rich Ferris

Rich Ferris
Operations Manager

cc: Brad Bomanz, St. Louis County DOH
Doug Borro
Keith Shirley
Rod Bloese
Matt Kingsley

METROPOLITAN ST. LOUIS SEWER DISTRICT
INDUSTRIAL USER SELF MONITORING REPORT

PLEASE READ THE INSTRUCTIONS BEFORE COMPLETING THIS REPORT

RECEIVED
MAY 30 2001
OFFICE OF ENVIRONMENTAL COMPLIANCE

Part I: Identifying Information

Company Name: Bridgeton Landfill, LLC

Permit No : 05115598-02

Premise Address: 13570 St. Charles Rock Road, Bridgeton, MO 63044

Monitoring Period: ☐ (Jan-Mar) ☒ (Apr-Jun) ☐ (July-Sept) ☐ (Oct-Dec)

Samples Collected By: Barry Power (Herst & Associates, Inc.)

Analyses Performed By: Pace Analytical Services, Inc.

Part II: Analytical Results of Self Monitoring

MSD Sample Point Reference Numbers →		Outfall 005						
Dates on which samples were collected →		04/25 – 04/26/2001						
Times at which samples were collected →		1345, 2002, 0746, 1122						
Parameter	**Limit**	**Record Sample Types (G, C, M, or E) and Results Below G=grab, C=composite, M=measured flow, E=estimated flow**						**Units**
Flow	***	E	416,664					gpd
Biochemical Oxygen Demand	****	C	301					mg/l
Chemical Oxygen Demand	****	C	999					mg/l
Oil and Grease (Total)	200	G	<5.00					mg/l
pH Acidic (<7)	5.5	G	6.99					s.u.
pH Basic (≥7)	11.5	G						s.u.
Temperature	60	G	20.25					°C
Ammonia (as N)	*****	C	256					mg/l
Total Suspended Solids	****	C	72.0					mg/l
Arsenic (Total)	0.4	C	0.0507					mg/l
Cadmium (Total)	0.7	C	<0.005					mg/l
Chromium (Total)	5.0	C	0.0255					mg/l
Copper (Total)	2.7	C	<0.005					mg/l
Lead (Total)	0.4	C	<0.050					mg/l
Mercury (Total)	0.01	C	<0.0002					mg/l
Nickel (Total)	2.3	C	0.0326					mg/l
Zinc (Total)	3.0	C	0.020					mg/l

You must complete and sign the certification statements on the next page.

5988 Mid Rivers Mall Drive, Suite 136
St. Charles, Missouri 63304, USA

Telephone (636) 939-9111
Fax (636) 939-9757

Part III: Special Certification Statements

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A. If your permit special conditions waive monitoring at any sample point(s) specified in your permit, you are required to make the following certification:

☐ I certify, since the last discharge monitoring report, there has been no change in the character of the wastes discharged at sampling point(s)_____.

B. If your permit special conditions waive monitoring at active connection points which are not specified as sample points in your permit, you are required to make the following certification:

☐ I certify, since the last discharge monitoring report, there has been no change in the character of wastes discharged at those active connection points which are not specified in my permit.

C. If your permit special conditions waive monitoring at inactive connection points, you are required to make the following certification:

☐ I certify, since the permit issue date, there has been no change in the status of connection points identified as inactive. These points remain inactive and no discharge occurred during the period covered by this report.

D. If your permit special conditions authorize grab sample collection in lieu of composite sampling at any sample point(s), you are required to make the following certification:

☐ I certify the grab sample results in this report accurately represent our average daily discharge at sample points(s) _____.

E. If your permit special conditions prohibit discharge of wastes which are subject to certain categorical pretreatment standards, you are required to make the following certification:

☐ I certify, since the last discharge monitoring report, there has been no discharge of wastes which are subject to pretreatment standards in 40 CFR _____.

F. Discharges subject to Pharmaceutical Categorical Standards (40 CFR 439) can be exempted from limitations and monitoring for Total Cyanide at the Pharmaceutical sample point(s) subjected to the following certification:

☐ I certify, since the last discharge monitoring report, cyanide has not been used or generated in any pharmaceutical manufacturing process subject to Categorical Standards in 40 CFR 439.

G. Discharges Subject to Categorical Standards for Electroplating (40 CFR 413), Metal Finishing (40 CFR 433) or Electrical & Electronic Components (40 CFR 469) can be exempted from TTO monitoring only at the Electroplating, Metal Finishing or Electrical & Electronic Components sample point(s) subject to the following certification:

☐ Based on my inquiry of the person or persons directly responsible for managing compliance with the permit limitation for total toxic organics (TTO), I certify that, to the best of my knowledge and belief, no dumping of concentrated toxic organics into the wastewaters has occurred since filing the last discharge monitoring report. I further certify that this facility is implementing the toxic organic management plan submitted to MSD.

Part IV: Special Certification Statements

Initial the box for statement A if it applies to you. **Everyone must complete the information under statement B and sign this report.**

A. Discharges at sample points subject only to MSD Ordinance limits can be exempted from TTO monitoring subject to the following certification:

☐ In lieu of monitoring for TTO at sample point(s) _____, I certify that to the best of my knowledge and belief, no toxic organics have been used at this premise or discharged into the wastewaters since filing of the last discharge monitoring report.

B. **Discharge Monitoring Report 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 designated 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.

Print or type name of signing official: Matt Kingsley

Title: General Manager Telephone: (314) 739-1919

Signature: Matt Kingsley Date: 5/22/01

RECEIVED
MAY 30 2001
OFFICE OF ENVIRONMENTAL COMPLIANCE

5988 Mid Rivers Mall Drive, Suite 136
St. Charles, Missouri 63304, USA

Telephone (636) 939-9111
Fax (636) 939-9757

RECEIVED
MAY 30 2001
OFFICE OF ENVIRONMENTAL COMPLIANCE

Bridgeton Landfill, LLC
Monthly Leachate Lagoon Meter Reading
Outfall 005

Month	Date of Reading	Gallons	Average Daily Discharge (Gal)	Equivalent Cubic Feet	Equivalent 100 Cubic Feet	Charge Per 100 Cubic Feet	Amount Due
January	1/31/01	6,590,000	212,581	881,016.04	8,810.16	$1.05	$9,250.67
February	2/28/01	3,788,000	135,286	506,417.11	5,064.17	$1.05	$5,317.38
March	3/31/01	0	0	0.00	0.00	$1.05	$0.00
April	4/30/01	7,705,000	256,833	1,030,080.21	10,300.80	$1.05	$10,815.84
May	5/31/01		0	0.00	0.00	$1.05	$0.00
June	6/30/01		0	0.00	0.00	$1.05	$0.00
July	7/31/01		0	0.00	0.00	$1.05	$0.00
August	8/31/01		0	0.00	0.00	$1.05	$0.00
September	9/30/01		0	0.00	0.00	$1.05	$0.00
October	10/31/01		0	0.00	0.00	$1.05	$0.00
November	11/30/01		0	0.00	0.00	$1.05	$0.00
December	12/31/01		0	0.00	0.00	$1.05	$0.00

BRIDGETON 13570 ST. CHARLES ROCK RD., BRIDGETON, MO 63044

IN ECMS VIA RPT
REC'D 5/30/01

BRIDGETON
LANDFILL AUTHORITY

Date: 1/4/01

Number of pages including cover sheet: 31

To: Fabian Grabski

Phone:

Fax phone: 314 436 8753

CC:

From: Matt Kingsley

Phone: 314 / 739-1919

Fax phone: 314 / 739-2588

REMARKS: ☐ Urgent ☐ For your review ☐ Reply ASAP ☐ Please comment

- As discussed - TTO Results from 2nd Quarter 2001
Hard copy to follow in mail
Thanks,
Matt

MIDWEST WASTE LANDFILL

Highway N and Wardfield Road
Robertsville, Missouri 63072
(314) 739-1919
(314) 739-2588 Fax

January 3, 2002

Mr. Fabian Grabski
Metropolitan St. Louis Sewer District
Department of Environmental Compliance
10 East Grand Avenue
St. Louis, MO 63147-2913

Re: Bridgeton Landfill, LLC, Permit # 05115598-00
Notice of Permit Violations

Dear Mr. Grabski:

We are in receipt of your December 5, 2001 Notice of Permit Violations letter indicating that TTO has not been monitored and reported at sampling point 005 during 2001. However, on April 27, 2001, a leachate sample from sampling point 005 was analyzed for TTO. The results of this analysis were not reported due to a change in the reporting form currently in use. There is no longer room at the bottom of this new form for TTO results. Because of this, our TTO results were mistakenly left out of the report.

Please find attached the results of this April 27, 2001 TTO analysis as well as the supporting data from the laboratory. We will correct the format of this self monitoring report form so as to include a row for reporting TTO results.

By submission of this letter and attachment we hope to satisfy the requirements of your December 5, 2001 letter. Please contact me if you have any further questions at (314) 739-1919 extension 101.

Very truly yours,

Matt Kingsley

Matt Kingsley, R.E.
General Manager

cc: Doug Borro w/o attachments
Keith Shirley
Rod Bloese
Rich Ferris

METROPOLITAN ST. LOUIS SEWER DISTRICT
INDUSTRIAL USER SELF MONITORING REPORT

PLEASE READ THE INSTRUCTIONS BEFORE COMPLETING THIS REPORT

Part I: Identifying Information

1) RES
2) ECI MS DR

Company Name: Bridgeton Landfill, LLC

Permit No.: 05115598-02

Premise Address: 13570 St. Charles Rock Road, Bridgeton, MO 63044

Monitoring Period: ☐ (Jan-Mar) ☒ (Apr-Jun) ☐ (July-Sept) ☐ (Oct-Dec)

Samples Collected By: Barry Power (Herst & Associates, Inc.)

Analyses Performed By: Pace Analytical Services, Inc.

Part II: Analytical Results of Self Monitoring

MSD Sample Point Reference Numbers →		Outfall 005						
Dates on which samples were collected →		04/25 – 04/26/2001						
Times at which samples were collected →		1345, 2002, 0746, 1122						
Parameter	**Limit**	**Record Sample Types (G, C, M, or E) and Results Below G=grab, C=composite, M=measured flow, E=estimated flow**						**Units**
Flow	***	E	416,664					gpd
Biochemical Oxygen Demand	****	C	301					mg/l
Chemical Oxygen Demand	****	C	999					mg/l
Oil and Grease (Total)	200	G	<5.00					mg/l
pH Acidic (<7)	5.5	G	6.99					s.u.
pH Basic (≥7)	11.5	G						s.u.
Temperature	60	G	20.25					°C
Ammonia (as N)	*****	C	256					mg/l
Total Suspended Solids	****	C	72.0					mg/l
Arsenic (Total)	0.4	C	0.0507					mg/l
Cadmium (Total)	0.7	C	<0.005					mg/l
Chromium (Total)	5.0	C	0.0255					mg/l
Copper (Total)	2.7	C	<0.005					mg/l
Lead (Total)	0.4	C	<0.050					mg/l
Mercury (Total)	0.01	C	<0.0002					mg/l
Nickel (Total)	2.3	C	0.0326					mg/l
Zinc (Total)	3.0	C	0.020					mg/l
Total Toxic Organics	5.52	G	0.10078					mg/l

You must complete and sign the certification statements on the next page.

0.089 mg/l
FG

5988 Mid Rivers Mall Drive, Suite 136
St. Charles, Missouri 63304, USA

Telephone (636) 939-9111
Fax (636) 939-9757

Part III: Special Certification Statements

Based on the special conditions contained in your discharge permit you may be required to certify one of more of the following. Please review your permit and **place your initials in the boxes next to those certifications which are applicable to your facility.** If your permit contains no Special Conditions, then none of the certifications in **Part III** apply to you. **Go on to Part IV.**

A. If your permit special conditions waive monitoring at any sample point(s) specified in your permit, you are required to make the following certification:

[X] I certify, since the last discharge monitoring report, there has been no change in the character of the wastes discharged at sampling point(s) 005.

B. If your permit special conditions waive monitoring at active connection points which are not specified as sample points in your permit, you are required to make the following certification:

[ ] I certify, since the last discharge monitoring report, there has been no change in the character of wastes discharged at those active connection points which are not specified in my permit.

C. If your permit special conditions waive monitoring at inactive connection points, you are required to make the following certification:

[ ] I certify, since the permit issue date, there has been no change in the status of connection points identified as inactive. These points remain inactive and no discharge occurred during the period covered by this report.

D. If your permit special conditions authorize grab sample collection in lieu of composite sampling at any sample point(s), you are required to make the following certification:

[ ] I certify the grab sample results in this report accurately represent our average daily discharge at sample points(s) _____.

E. If your permit special conditions prohibit discharge of wastes which are subject to certain categorical pretreatment standards, you are required to make the following certification:

[ ] I certify, since the last discharge monitoring report, there has been no discharge of wastes which are subject to pretreatment standards in 40 CFR _____.

F. Discharges subject to Pharmaceutical Categorical Standards (40 CFR 439) can be exempted from limitations and monitoring for Total Cyanide at the Pharmaceutical sample point(s) subjected to the following certification:

[ ] I certify, since the last discharge monitoring report, cyanide has not been used or generated in any pharmaceutical manufacturing process subject to Categorical Standards in 40 CFR 439.

G. Discharges Subject to Categorical Standards for Electroplating (40 CFR 413), Metal Finishing (40 CFR 433) or Electrical & Electronic Components (40 CFR 469) can be exempted from TTO monitoring only at the Electroplating, Metal Finishing or Electrical & Electronic Components sample point(s) subject to the following certification:

[ ] Based on my inquiry of the person or persons directly responsible for managing compliance with the permit limitation for total toxic organics (TTO), I certify that, to the best of my knowledge and belief, no dumping of concentrated toxic organics into the wastewaters has occurred since filing the last discharge monitoring report. I further certify that this facility is implementing the toxic organic management plan submitted to MSD.

Part IV: Special Certification Statements

Initial the box for statement A if it applies to you. **Everyone must complete the information under statement B and sign this report.**

A. Discharges at sample points subject only to MSD Ordinance limits can be exempted from TTO monitoring subject to the following certification:

[ ] In lieu of monitoring for TTO at sample point(s) _____, I certify that to the best of my knowledge and belief, no toxic organics have been used at this premise or discharged into the wastewaters since filing of the last discharge monitoring report.

B. **Discharge Monitoring Report 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 designated 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.

Print or type name of signing official: Matt Kingsley

Title: General Manager Telephone: (314) 739-1919

Signature: Matt Kingsley Date: 1/3/02

5988 Mid Rivers Mall Drive, Suite 136
St. Charles, Missouri 63304, USA

Telephone (636) 939-9111
Fax (636) 939-9757

Pace Analytical™

Pace Analytical Services, Inc.
900 Gemini Avenue
Houston, TX 77058
Phone: 281.488.1810
Fax: 281.488.4661

TTO = 0.089 mg/l

FG Lab Project Number: 8520909
Client Project ID: A/W Bridgeton Outfall

Lab Sample No: 851687443 Project Sample Number: 8520909-001 Date Collected: 04/25/01 00:00
Client Sample ID: OUTFALL 005 Matrix: Water Date Received: 04/27/01 08:45

Parameters	Results	Units	PRL	Dilution	Analyzed	Analyst	CAS#	Ftnote	Limit
BOD, 5 day	301	mg/l	2	1.0	04/27/01 10:30	RGEN			
GC/MS Semivolatiles									
EPA625 Semivolatiles, Water	Method: EPA 625			Prep Method: EPA 3520					
Acenaphthene	ND	ug/l	10.0	1.0	04/30/01 10:46	TCOR	83-32-9		
Acenaphthylene	ND	ug/l	10.0	1.0	04/30/01 10:46	TCOR	208-96-8		
Anthracene LP	ND	ug/l	~~10.0~~ ≤.01	1.0	04/30/01 10:46	TCOR	120-12-7		
Benzidine	ND	ug/l	50.0	1.0	04/30/01 10:46	TCOR	92-87-5		
Benzo(a)anthracene	ND	ug/l	10.0	1.0	04/30/01 10:46	TCOR	56-55-3		
Benzo(b)fluoranthene	ND	ug/l	10.0	1.0	04/30/01 10:46	TCOR	205-99-2		
Benzo(k)fluoranthene	ND	ug/l	10.0	1.0	04/30/01 10:46	TCOR	207-08-9		
Benzo(g,h,i)perylene	ND	ug/l	10.0	1.0	04/30/01 10:46	TCOR	191-24-2		
Benzo(a)pyrene	ND	ug/l	10.0	1.0	04/30/01 10:46	TCOR	50-32-8		
bis(2-Chloroethoxy)methane	ND	ug/l	10.0	1.0	04/30/01 10:46	TCOR	111-91-1		
bis(2-Chloroethyl) ether	ND	ug/l	10.0	1.0	04/30/01 10:46	TCOR	111-44-4		
bis(2-Chloroisopropyl) ether	ND	ug/l	10.0	1.0	04/30/01 10:46	TCOR	39638-32-9		
bis(2-Ethylhexyl)phthalate	ND	ug/l	10.0	1.0	04/30/01 10:46	TCOR	117-81-7		
4-Bromophenylphenyl ether	ND	ug/l	10.0	1.0	04/30/01 10:46	TCOR	101-55-3		
Butylbenzylphthalate	ND	ug/l	10.0	1.0	04/30/01 10:46	TCOR	85-68-7		
4-Chloro-3-methylphenol	ND	ug/l	10.0	1.0	04/30/01 10:46	TCOR	59-50-7		
2-Chloronaphthalene	ND	ug/l	10.0	1.0	04/30/01 10:46	TCOR	91-58-7		
2-Chlorophenol	ND	ug/l	10.0	1.0	04/30/01 10:46	TCOR	95-57-8		
4-Chlorophenylphenyl ether	ND	ug/l	10.0	1.0	04/30/01 10:46	TCOR	7005-72-3		
Chrysene	ND	ug/l	10.0	1.0	04/30/01 10:46	TCOR	218-01-9		
Dibenz(a,h)anthracene	ND	ug/l	10.0	1.0	04/30/01 10:46	TCOR	53-70-3		
1,2-Dichlorobenzene	ND	ug/l	10.0	1.0	04/30/01 10:46	TCOR	95-50-1		
1,3-Dichlorobenzene	ND	ug/l	10.0	1.0	04/30/01 10:46	TCOR	541-73-1		
1,4-Dichlorobenzene	ND	ug/l	10.0	1.0	04/30/01 10:46	TCOR	106-46-7		
3,3'-Dichlorobenzidine	ND	ug/l	20.0	1.0	04/30/01 10:46	TCOR	91-94-1		
2,4-Dichlorophenol	ND	ug/l	10.0	1.0	04/30/01 10:46	TCOR	120-83-2		
Diethylphthalate	ND	ug/l	10.0	1.0	04/30/01 10:46	TCOR	84-66-2		
Dimethylphthalate	ND	ug/l	10.0	1.0	04/30/01 10:46	TCOR	131-11-3		
4,6-Dinitro-2-methylphenol	ND	ug/l	50.0	1.0	04/30/01 10:46	TCOR	534-52-1		
2,4-Dinitrophenol	ND	ug/l	50.0	1.0	04/30/01 10:46	TCOR	51-28-5		
2,4-Dimethylphenol	ND	ug/l	10.0	1.0	04/30/01 10:46	TCOR	105-67-9		
Di-n-butylphthalate	ND	ug/l	10.0	1.0	04/30/01 10:46	TCOR	84-74-2		
2,4-Dinitrotoluene	ND	ug/l	10.0	1.0	04/30/01 10:46	TCOR	121-14-2		

Date: 05/11/01

REPORT OF LABORATORY ANALYSIS

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Pace Analytical™

Pace Analytical Services, Inc.
900 Gemini Avenue
Houston, TX 77058
Phone: 281.488.1810
Fax: 281.488.4661

Lab Project Number: 8520909
Client Project ID: A/W Bridgeton Outfall

Lab Sample No: 851687443 Project Sample Number: 8520909-001 Date Collected: 04/25/01 00:00
Client Sample ID: OUTFALL 005 Matrix: Water Date Received: 04/27/01 08:45

Parameters	Results	Units	PRL	Dilution	Analyzed	Analyst	CAS#	Ftnote	Limit
2,6-Dinitrotoluene	ND	ug/l	10.0	1.0	04/30/01 10:46	TCOR	606-20-2		
Di-n-octylphthalate	ND	ug/l	10.0	1.0	04/30/01 10:46	TCOR	117-84-0		
1,2-Diphenylhydrazine	ND	ug/l	10.0	1.0	04/30/01 10:46	TCOR	122-66-7		
Fluoranthene	ND	ug/l	10.0	1.0	04/30/01 10:46	TCOR	206-44-0		
Fluorene	ND	ug/l	10.0	1.0	04/30/01 10:46	TCOR	86-73-7		
Hexachlorobenzene	ND	ug/l	10.0	1.0	04/30/01 10:46	TCOR	118-74-1		
Hexachloro-1,3-butadiene	ND	ug/l	10.0	1.0	04/30/01 10:46	TCOR	87-68-3		
Hexachlorocyclopentadiene	ND	ug/l	10.0	1.0	04/30/01 10:46	TCOR	77-47-4		
Hexachloroethane	ND	ug/l	10.0	1.0	04/30/01 10:46	TCOR	67-72-1		
Indeno(1,2,3-cd)pyrene	ND	ug/l	10.0	1.0	04/30/01 10:46	TCOR	193-39-5		
Isophorone	ND	ug/l	10.0	1.0	04/30/01 10:46	TCOR	78-59-1		
Naphthalene	ND	ug/l	10.0	1.0	04/30/01 10:46	TCOR	91-20-3		
Nitrobenzene	ND	ug/l	10.0	1.0	04/30/01 10:46	TCOR	98-95-3		
2-Nitrophenol	ND	ug/l	10.0	1.0	04/30/01 10:46	TCOR	88-75-5		
4-Nitrophenol	ND	ug/l	50.0	1.0	04/30/01 10:46	TCOR	100-02-7		
N-Nitrosodimethylamine	ND	ug/l	10.0	1.0	04/30/01 10:46	TCOR	62-75-9		
N-Nitrosodiphenylamine	ND	ug/l	10.0	1.0	04/30/01 10:46	TCOR	86-30-6		
N-Nitroso-di-n-propylamine	ND	ug/l	10.0	1.0	04/30/01 10:46	TCOR	621-64-7		
Pentachlorophenol	ND	ug/l	50.0	1.0	04/30/01 10:46	TCOR	87-86-5		
Phenanthrene	ND	ug/l	10.0	1.0	04/30/01 10:46	TCOR	85-01-8		
Phenol SP	89.0	ug/l	10.0	1.0	04/30/01 10:46	TCOR	108-95-2		
Pyrene	ND	ug/l	10.0	1.0	04/30/01 10:46	TCOR	129-00-0		
1,2,4-Trichlorobenzene	ND	ug/l	10.0	1.0	04/30/01 10:46	TCOR	120-82-1		
2,4,6-Trichlorophenol	ND	ug/l	10.0	1.0	04/30/01 10:46	TCOR	88-06-2		
Nitrobenzene-d5 (S)	38	%		1.0	04/30/01 10:46	TCOR	4165-60-0		
2-Fluorobiphenyl (S)	71	%		1.0	04/30/01 10:46	TCOR	321-60-8		
Terphenyl-d14 (S)	28	%		1.0	04/30/01 10:46	TCOR	1718-51-0		
Phenol-d5 (S)	12	%		1.0	04/30/01 10:46	TCOR	4165-62-2		
2-Fluorophenol (S)	16	%		1.0	04/30/01 10:46	TCOR	367-12-4		
2,4,6-Tribromophenol (S)	81	%		1.0	04/30/01 10:46	TCOR	118-79-6		
Date Extracted					04/28/01				

Organics Prep

Total Recoverable Oil & Grease Method: EPA 413.1 Prep Method: EPA 413.1

Oil and Grease	ND	mg/l	5.00	1.0	05/08/01 10:00	JDEA

Date: 05/11/01

REPORT OF LABORATORY ANALYSIS

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Pace Analytical™

Pace Analytical Services, Inc.
900 Gemini Avenue
Houston, TX 77058
Phone: 281.488.1810
Fax: 281.488.4661

Lab Project Number: 8520909
Client Project ID: A/W Bridgeton Outfall

Lab Sample No: 851687443 Project Sample Number: 8520909-001 Date Collected: 04/25/01 00:00
Client Sample ID: OUTFALL 005 Matrix: Water Date Received: 04/27/01 08:45

Parameters	Results	Units	PRL	Dilution	Analyzed	Analyst	CAS#	Ftnote	Limit
GC/MS Volatiles									
EPA 624 Routine VOCs, Water	Method: EPA 624				Prep Method: EPA 624				
Acrolein	ND	ug/l	100.	1.0	04/29/01 18:31	DBEN	107-02-8		
Acrylonitrile	ND	ug/l	100.	1.0	04/29/01 18:31	DBEN	107-13-1		
Benzene	ND	ug/l	5.00	1.0	04/29/01 18:31	DBEN	71-43-2		
Bromodichloromethane	ND	ug/l	5.00	1.0	04/29/01 18:31	DBEN	75-27-4		
Bromoform	ND	ug/l	5.00	1.0	04/29/01 18:31	DBEN	75-25-2		
Bromomethane	ND	ug/l	10.0	1.0	04/29/01 18:31	DBEN	74-83-9		
Carbon tetrachloride	ND	ug/l	5.00	1.0	04/29/01 18:31	DBEN	56-23-5		
Chlorobenzene SP	6.57 ≤.01	ug/l	5.00 ≤.01	1.0	04/29/01 18:31	DBEN	108-90-7		
Chloroethane SP	ND	ug/l	10.0	1.0	04/29/01 18:31	DBEN	75-00-3		
Chloroform	ND	ug/l	5.00	1.0	04/29/01 18:31	DBEN	67-66-3		
Chloromethane	ND	ug/l	10.0	1.0	04/29/01 18:31	DBEN	74-87-3		
Dibromochloromethane	ND	ug/l	5.00	1.0	04/29/01 18:31	DBEN	124-48-1		
1,1-Dichloroethane	ND	ug/l	5.00	1.0	04/29/01 18:31	DBEN	75-34-3		
1,2-Dichloroethane	ND	ug/l	5.00	1.0	04/29/01 18:31	DBEN	107-06-2		
1,1-Dichloroethene SP	ND	ug/l	5.00 ≤.01	1.0	04/29/01 18:31	DBEN	75-35-4		
1,2-Dichloroethene (Total) SP	ND	ug/l	5.00	1.0	04/29/01 18:31	DBEN	540-59-0		
1,2-Dichloropropane	ND	ug/l	5.00	1.0	04/29/01 18:31	DBEN	78-87-5		
cis-1,3-Dichloropropene	ND	ug/l	5.00	1.0	04/29/01 18:31	DBEN	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/l	5.00	1.0	04/29/01 18:31	DBEN	10061-02-6		
Ethylbenzene SP	ND	ug/l	5.00 ≤.01	1.0	04/29/01 18:31	DBEN	100-41-4		
Methylene chloride SP	ND	ug/l	5.00	1.0	04/29/01 18:31	DBEN	75-09-2		
1,1,2,2-Tetrachloroethane	ND	ug/l	5.00	1.0	04/29/01 18:31	DBEN	79-34-5		
Tetrachloroethene	ND	ug/l	5.00	1.0	04/29/01 18:31	DBEN	127-18-4		
Toluene SP	5.21 ≤.01	ug/l	5.00	1.0	04/29/01 18:31	DBEN	108-88-3		
1,1,1-Trichloroethane	ND	ug/l	5.00	1.0	04/29/01 18:31	DBEN	71-55-6		
Trichloroethene SP	ND	ug/l	5.00 ≤.01	1.0	04/29/01 18:31	DBEN	79-01-6		
Vinyl chloride SP	ND	ug/l	10.0	1.0	04/29/01 18:31	DBEN	75-01-4		
Toluene-d8 (S)	97	%		1.0	04/29/01 18:31	DBEN	2037-26-5		
4-Bromofluorobenzene (S)	100	%		1.0	04/29/01 18:31	DBEN	460-00-4		
1,2-Dichloroethane-d4 (S)	80	%		1.0	04/29/01 18:31	DBEN	17060-07-0		
1,1,2-Trichloroethane	ND	ug/l	5.00	1.0	04/29/01 18:31	DBEN	79-00-5		

Comments : Surrogates outside QC limits. Matrix interference comfirmed by second analysis (SW8270).

Date: 05/11/01

REPORT OF LABORATORY ANALYSIS

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BRIDGETON
Landfill Authority
13570 St. Charles Rock Rd.
Bridgeton, MO 63044
314/739-1919 • Fax 314/739-2588

FC 2/22/01 11 min

FC 9/17/2

Feb 21, 2001

Mr. Fabian Grabski
Metropolitan St. Louis Sewer District
Department of Environmental Compliance
10 East Grand Avenue
St. Louis, MO 63147-2913

Re: Bridgeton Sanitary Landfill
MSD Discharge Permit No. 05115598-02
First Quarter 2001

Dear Mr. Grabski:

Please find enclosed the first quarter 2001 leachate sample analysis obtained form sample point 005. The results of the leachate analysis are in compliance with permit number 05115598-02.

Also please find enclosed the year to date leachate volume reports through Jan. 2001. If you have any further questions please contact me at (314) 739-1919, Ext. 112.

Very truly yours,

Rich Ferris

Rich Ferris
Operations Manager

cc: Brad Bomanz, St. Louis County DOH
Doug Borro
Keith Shirley
Rod Bloese
Matt Kingsley

REC
FEB 22 2001
Environmental Compliance

METROPOLITAN ST. LOUIS SEWER DISTRICT
INDUSTRIAL USER SELF MONITORING REPORT

PLEASE READ THE INSTRUCTIONS BEFORE COMPLETING THIS REPORT

Part I: Identifying Information

Company Name: Bridgeton Landfill, LLC

Permit No.: 05115598-02

Premise Address: 13570 St. Charles Rock Road, Bridgeton, MO 63044

Monitoring Period: [X] (Jan-Mar) [ ] (Apr-Jun) [ ] (July-Sept) [ ] (Oct-Dec)

Samples Collected By: Michael Flach& Melissa McGuire (Herst & Associates, Inc.)

Analyses Performed By: Pace Analytical Services, Inc.

Part II: Analytical Results of Self Monitoring

MSD Sample Point Reference Numbers →		Outfall 005						
Dates on which samples were collected →		01/17 – 01/16/2001						
Times at which samples were collected →		1000, 1420, 1710, 0855						
Parameter	**Limit**	**Record Sample Types (G, C, M, or E) and Results Below G=grab, C=composite, M=measured flow, E=estimated flow**						**Units**
Flow	***	E	453,600					gpd
Biochemical Oxygen Demand	****	C	119					mg/l
Chemical Oxygen Demand	****	C	781					mg/l
Oil and Grease (Total)	200	G	<5.00					mg/l
pH Acidic (<7)	5.5	G						s.u.
pH Basic (≥7)	11.5	G	7.67					s.u.
Temperature	60	G	5.6					°C
Ammonia (as N)	*****	C	239					mg/l
Total Suspended Solids	****	C	490					mg/l
Arsenic (Total)	0.4	C	<0.050					mg/l
Cadmium (Total)	0.7	C	<0.005					mg/l
Chromium (Total)	5.0	C	0.032					mg/l
Copper (Total)	2.7	C	<0.005					mg/l
Lead (Total)	0.4	C	<0.050					mg/l
Mercury (Total)	0.01	C	<0.0002					mg/l
Nickel (Total)	2.3	C	0.0341					mg/l
Zinc (Total)	3.0	C	0.096					mg/l

You must complete and sign the certification statements on the next page.

RECEIVED
FEB 22 2001
Environmental Compliance

5988 Mid Rivers Mall Drive, Suite 136
St. Charles, Missouri 63304, USA

Telephone (636) 939-9111
Fax (636) 939-9757

Part III: Special Certification Statements

Based on the special conditions contained in your discharge permit you may be required to certify one of more of the following. Please review your permit and **place your initials in the boxes next to those certifications which are applicable to your facility**. If your permit contains no Special Conditions, then none of the certifications in **Part III** apply to you. **Go on to Part IV.**

A. If your permit special conditions waive monitoring at any sample point(s) specified in your permit, you are required to make the following certification:

[x] I certify, since the last discharge monitoring report, there has been no change in the character of the wastes discharged at sampling point(s) 005.

B. If your permit special conditions waive monitoring at active connection points which are not specified as sample points in your permit, you are required to make the following certification:

[ ] I certify, since the last discharge monitoring report, there has been no change in the character of wastes discharged at those active connection points which are not specified in my permit.

C. If your permit special conditions waive monitoring at inactive connection points, you are required to make the following certification:

[ ] I certify, since the permit issue date, there has been no change in the status of connection points identified as inactive. These points remain inactive and no discharge occurred during the period covered by this report.

D. If your permit special conditions authorize grab sample collection in lieu of composite sampling at any sample point(s), you are required to make the following certification:

[ ] I certify the grab sample results in this report accurately represent our average daily discharge at sample points(s) _____.

E. If your permit special conditions prohibit discharge of wastes which are subject to certain categorical pretreatment standards, you are required to make the following certification:

[ ] I certify, since the last discharge monitoring report, there has been no discharge of wastes which are subject to pretreatment standards in 40 CFR _____.

F. Discharges subject to Pharmaceutical Categorical Standards (40 CFR 439) can be exempted from limitations and monitoring for Total Cyanide at the Pharmaceutical sample point(s) subjected to the following certification:

[ ] I certify, since the last discharge monitoring report, cyanide has not been used or generated in any pharmaceutical manufacturing process subject to Categorical Standards in 40 CFR 439.

G. Discharges Subject to Categorical Standards for Electroplating (40 CFR 413), Metal Finishing (40 CFR 433) or Electrical & Electronic Components (40 CFR 469) can be exempted from TTO monitoring only at the Electroplating, Metal Finishing or Electrical & Electronic Components sample point(s) subject to the following certification:

[ ] Based on my inquiry of the person or persons directly responsible for managing compliance with the permit limitation for total toxic organics (TTO), I certify that, to the best of my knowledge and belief, no dumping of concentrated toxic organics into the wastewaters has occurred since filing the last discharge monitoring report. I further certify that this facility is implementing the toxic organic management plan submitted to MSD.

Part IV: Special Certification Statements

Initial the box for statement A if it applies to you. **Everyone must complete the information under statement B and sign this report.**

A. Discharges at sample points subject only to MSD Ordinance limits can be exempted from TTO monitoring subject to the following certification:

[ ] In lieu of monitoring for TTO at sample point(s) _____, I certify that to the best of my knowledge and belief, no toxic organics have been used at this premise or discharged into the wastewaters since filing of the last discharge monitoring report.

B. **Discharge Monitoring Report 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 designated 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.

Print or type name of signing official: Matt Ringsley

Title: General Manager Telephone: (314) 739-1919 RE

Signature: Matt Ringsley Date: 2/21/01 FEB 22

5988 Mid Rivers Mall Drive, Suite 136
St. Charles, Missouri 63304, USA

Telephone (636) 939-9111
Fax (636) 939-9757

Bridgeton Landfill, LLC
Monthly Leachate Lagoon Meter Reading
Outfall 005

Month	Date of Reading	Gallons	Average Daily Discharge (Gal)	Equivalent Cubic Feet	Equivalent 100 Cubic Feet	Charge Per 100 Cubic Feet	Amount Due
January	1/31/01	6,590,000	212,581	881,016.04	8,810.16	$1.05	$9,250.67
February	2/28/01		0	0.00	0.00	$1.05	$0.00
March	3/31/01		0	0.00	0.00	$1.05	$0.00
April	4/30/01		0	0.00	0.00	$1.05	$0.00
May	5/31/01		0	0.00	0.00	$1.05	$0.00
June	6/30/01		0	0.00	0.00	$1.05	$0.00
July	7/31/01		0	0.00	0.00	$1.05	$0.00
August	8/31/01		0	0.00	0.00	$1.05	$0.00
September	9/30/01		0	0.00	0.00	$1.05	$0.00
October	10/31/01		0	0.00	0.00	$1.05	$0.00
November	11/30/01		0	0.00	0.00	$1.05	$0.00
December	12/31/01		0	0.00	0.00	$1.05	$0.00

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FEB 22 2001

1-8-01

BRIDGETON
Landfill Authority

13570 St. Charles Rock Rd.
Bridgeton, MO 63044
314/739-1919 • Fax 314/739-2588

Jan, 3, 2001

Mr. Fabian Grabski
Metropolitan St. Louis Sewer District
Department of Environmental Compliance
10 East Grand Avenue
St. Louis, MO 63147-2913

Re: Bridgeton Sanitary Landfill
MSD Discharge Permit No. 05115598-02
Fourth Quarter 2000

Dear Mr. Grabski:

Please find enclosed the fourth quarter 2000 leachate sample analysis obtained form sample point 005. The results of the leachate analysis are in compliance with permit number 05115598-02.

Also please find enclosed the year to date leachate volume reports through Dec. 2000. If you have any further questions please contact me at (314) 739-1919, Ext. 112.

Very truly yours,

Rich Ferris

Rich Ferris
Operations Manager

RECEIVED
JAN 5 2001
Environmental Compliance

cc: Brad Bomanz, St. Louis County DOH
Doug Borro
Keith Shirley
Rod Bloese
Matt Kingsley

METROPOLITAN ST. LOUIS SEWER DISTRICT
INDUSTRIAL USER SELF MONITORING REPORT

PLEASE READ THE INSTRUCTIONS BEFORE COMPLETING THIS REPORT

Part I: Identifying Information

Company Name: Bridgeton Landfill, LLC

Permit No.: 05115598-02

Premise Address: 13570 St. Charles Rock Road, Bridgeton, MO 63044

Monitoring Period: ☐ (Jan-Mar) ☐ (Apr-Jun) ☐ (July-Sept) ☒ (Oct-Dec)

Samples Collected By: Elizabeth Reed & Barry Power (Herst & Associates, Inc.)

Analyses Performed By: Pace Analytical Services, Inc.

Part II: Analytical Results of Self Monitoring

MSD Sample Point Reference Numbers →		Outfall 005						
Dates on which samples were collected →		11/1 – 11/2/2000						
Times at which samples were collected →		0850, 1245, 1535, 0830						
Parameter	**Limit**	**Record Sample Types (G, C, M, or E) and Results Below G=grab, C=composite, M=measured flow, E=estimated flow**						**Units**
Flow	***	E	453,600					gpd
Biochemical Oxygen Demand	****	C	20					mg/l
Chemical Oxygen Demand	****	C	797					mg/l
Oil and Grease (Total)	200	G	<5.81					mg/l
pH Acidic (<7)	5.5	G						s.u.
pH Basic (≥7)	11.5	G	7.70					s.u.
Temperature	60	G	22.1					°C
Ammonia (as N)	*****	C	220					mg/l
Total Suspended Solids	****	C	104					mg/l
Arsenic (Total)	0.4	C	<0.050					mg/l
Cadmium (Total)	0.7	C	<0.005					mg/l
Chromium (Total)	5.0	C	0.0259					mg/l
Copper (Total)	2.7	C	<0.005					mg/l
Lead (Total)	0.4	C	<0.050					mg/l
Mercury (Total)	0.01	C	<0.0002					mg/l
Nickel (Total)	2.3	C	0.0417					mg/l
Zinc (Total)	3.0	C	0.0423					mg/l

You must complete and sign the certification statements on the next page.

RECEIVED
JAN 5 2001
Environmental Compliance

5988 Mid Rivers Mall Drive, Suite 136
St. Charles, Missouri 63304, USA

Telephone (636) 939-9111
Fax (636) 939-9757

Part III: Special Certification Statements

Based on the special conditions contained in your discharge permit you may be required to certify one of more of the following. Please review your permit and **place your initials in the boxes next to those certifications which are applicable to your facility**. If your permit contains no Special Conditions, then none of the certifications in **Part III** apply to you. **Go on to Part IV.**

A. If your permit special conditions waive monitoring at any sample point(s) specified in your permit, you are required to make the following certification:

☐ I certify, since the last discharge monitoring report, there has been no change in the character of the wastes discharged at sampling point(s)_____.

B. If your permit special conditions waive monitoring at active connection points which are not specified as sample points in your permit, you are required to make the following certification:

☐ I certify, since the last discharge monitoring report, there has been no change in the character of wastes discharged at those active connection points which are not specified in my permit.

C. If your permit special conditions waive monitoring at inactive connection points, you are required to make the following certification:

☐ I certify, since the permit issue date, there has been no change in the status of connection points identified as inactive. These points remain inactive and no discharge occurred during the period covered by this report.

D. If your permit special conditions authorize grab sample collection in lieu of composite sampling at any sample point(s), you are required to make the following certification:

☐ I certify the grab sample results in this report accurately represent our average daily discharge at sample points(s) _____.

E. If your permit special conditions prohibit discharge of wastes which are subject to certain categorical pretreatment standards, you are required to make the following certification:

☐ I certify, since the last discharge monitoring report, there has been no discharge of wastes which are subject to pretreatment standards in 40 CFR _____.

F. Discharges subject to Pharmaceutical Categorical Standards (40 CFR 439) can be exempted from limitations and monitoring for Total Cyanide at the Pharmaceutical sample point(s) subjected to the following certification:

☐ I certify, since the last discharge monitoring report, cyanide has not been used or generated in any pharmaceutical manufacturing process subject to Categorical Standards in 40 CFR 439.

G. Discharges Subject to Categorical Standards for Electroplating (40 CFR 413), Metal Finishing (40 CFR 433) or Electrical & Electronic Components (40 CFR 469) can be exempted from TTO monitoring only at the Electroplating, Metal Finishing or Electrical & Electronic Components sample point(s) subject to the following certification:

☐ Based on my inquiry of the person or persons directly responsible for managing compliance with the permit limitation for total toxic organics (TTO), I certify that, to the best of my knowledge and belief, no dumping of concentrated toxic organics into the wastewaters has occurred since filing the last discharge monitoring report. I further certify that this facility is implementing the toxic organic management plan submitted to MSD.

Part IV: Special Certification Statements

Initial the box for statement A if it applies to you. **Everyone must complete the information under statement B and sign this report.**

A. Discharges at sample points subject only to MSD Ordinance limits can be exempted from TTO monitoring subject to the following certification:

☐ In lieu of monitoring for TTO at sample point(s) _____, I certify that to the best of my knowledge and belief, no toxic organics have been used at this premise or discharged into the wastewaters since filing of the last discharge monitoring report.

B. **Discharge Monitoring Report 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 designated 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.

Print or type name of signing official: Matt Kingsley

Title: General Manager Telephone: (314) 739-1919

Signature: Matt Kingsley Date: 12/15/00

REC

JAN 5 2001

Environmental Compliance

5988 Mid Rivers Mall Drive, Suite 136
St. Charles, Missouri 63304, USA

Telephone (636) 939-9111
Fax (636) 939-9757

Bridgeton Landfill, LLC
Monthly Leachate Lagoon Meter Reading
Outfall 005

Month	Date of Reading	Gallons	Average Daily Discharge (Gal)	Equivalent Cubic Feet	Equivalent 100 Cubic Feet	Charge Per 100 Cubic Feet	Amount Due
January	1/31/00	6,655,000	214,677	889,705.88	8,897.06	$1.05	$9,341.91
February	2/29/00	2,172,000	77,571	290,374.33	2,903.74	$1.05	$3,048.93
March	3/31/00	8,425,000	271,774	1,126,336.90	11,263.37	$1.05	$11,826.54
April	4/30/00	4,476,000	149,200	598,395.72	5,983.96	$1.05	$6,283.16
May	5/31/00	1,040,000	33,548	139,037.43	1,390.37	$1.05	$1,459.89
June	6/30/00	12,387,000	412,900	1,656,016.04	16,560.16	$1.05	$17,388.17
July	7/31/00	10,336,000	333,419	1,381,818.18	13,818.18	$1.05	$14,509.09
August	8/31/00	7,597,000	245,065	1,015,641.71	10,156.42	$1.05	$10,664.24
September	9/30/00	6,205,000	200,161	829,545.45	8,295.45	$1.05	$8,710.23
October	10/31/00	8,655,000	279,194	1,157,085.56	11,570.86	$1.05	$12,149.40
November	11/30/00	317,000	10,226	42,379.68	423.80	$1.05	$444.99
December	12/31/00	0	0	0.00	0.00	$1.05	$0.00

REC
JAN 5 2001
Environmental Compliance

8-30-00
5 min

BRIDGETON
Landfill Authority

13570 St. Charles Rock Rd.
Bridgeton, MO 63044
314/739-1919 • Fax 314/739-2588

August 29, 2000

Mr. Fabian Grabski
Metropolitan St. Louis Sewer District
Department of Environmental Compliance
10 East Grand Avenue
St. Louis, MO 63147-2913

Re: Bridgeton Sanitary Landfill
MSD Discharge Permit No. 05115598-02
Third Quarter 2000

Dear Mr. Grabski:

Please find enclosed the third quarter 2000 leachate sample analysis obtained form sample point 005. The results of the leachate analysis are in compliance with permit number 05115598-02.

Also please find enclosed the year to date leachate volume reports through July 2000. If you have any further questions please contact me at (314) 739-1919, Ext. 112.

Very truly yours,

Rich Ferris

Rich Ferris
Operations Manager

RECEIVED
AUG 30 2000
Environmental Compliance

cc: Brad Bomanz, St. Louis County DOH
Doug Borro
Keith Shirley
Rod Bloese
Matt Kingsley

METROPOLITAN ST. LOUIS SEWER DISTRICT
INDUSTRIAL USER SELF MONITORING REPORT

PLEASE READ THE INSTRUCTIONS BEFORE COMPLETING THIS REPORT

Part I: Identifying Information

Company Name: Bridgeton Landfill, LLC

Permit No.: 05115598-02

Premise Address: 13570 St. Charles Rock Road, Bridgeton, MO 63044

Monitoring Period: ☐ (Jan-Mar) ☐ (Apr-Jun) ☒ (July-Sept) ☐ (Oct-Dec)

Samples Collected By: Jonathan Wilkinson (Herst & Associates, Inc.)

Analyses Performed By: Pace Analytical Services, Inc.

Part II: Analytical Results of Self Monitoring

MSD Sample Point Reference Numbers →		Outfall 005						
Dates on which samples were collected →		8/2 – 8/3/2000						
Times at which samples were collected →		0955, 1540, 1850, 0825						
Parameter	**Limit**	**Record Sample Types (G, C, M, or E) and Results Below G=grab, C=composite, M=measured flow, E=estimated flow**						**Units**
Flow	***	E	451,440					gpd
Biochemical Oxygen Demand	****	C	76					mg/l
Chemical Oxygen Demand	****	C	113					mg/l
Oil and Grease (Total)	200	G	8.9					mg/l
pH Acidic (<7)	5.5	G						s.u.
pH Basic (≥7)	11.5	G	7.87					s.u.
Temperature	60	G	27.6					°C
Ammonia (as N)	*****	C	188					mg/l
Total Suspended Solids	****	C	80					mg/l
Arsenic (Total)	0.4	C	<0.050					mg/l
Cadmium (Total)	0.7	C	<0.005					mg/l
Chromium (Total)	5.0	C	0.0237					mg/l
Copper (Total)	2.7	C	<0.005					mg/l
Lead (Total)	0.4	C	<0.050					mg/l
Mercury (Total)	0.01	C	<0.0002					mg/l
Nickel (Total)	2.3	C	0.0488					mg/l
Zinc (Total)	3.0	C	<0.020					mg/l

You must complete and sign the certification statements on the next page.

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AUG 30 2000

5988 Mid Rivers Mall Drive, Suite 136
St. Charles, Missouri 63304, USA

Telephone (636) 939-9111
Fax (636) 939-9757

Part III: Special Certification Statements

Based on the special conditions contained in your discharge permit you may be required to certify one of more of the following. Please review your permit and **place your initials in the boxes next to those certifications which are applicable to your facility**. If your permit contains no Special Conditions, then none of the certifications in **Part III** apply to you. **Go on to Part IV.**

A. If your permit special conditions waive monitoring at any sample point(s) specified in your permit, you are required to make the following certification:

☐ I certify, since the last discharge monitoring report, there has been no change in the character of the wastes discharged at sampling point(s)_____.

B. If your permit special conditions waive monitoring at active connection points which are not specified as sample points in your permit, you are required to make the following certification:

☐ I certify, since the last discharge monitoring report, there has been no change in the character of wastes discharged at those active connection points which are not specified in my permit.

C. If your permit special conditions waive monitoring at inactive connection points, you are required to make the following certification:

☐ I certify, since the permit issue date, there has been no change in the status of connection points identified as inactive. These points remain inactive and no discharge occurred during the period covered by this report.

D. If your permit special conditions authorize grab sample collection in lieu of composite sampling at any sample point(s), you are required to make the following certification:

☐ I certify the grab sample results in this report accurately represent our average daily discharge at sample points(s) _____.

E. If your permit special conditions prohibit discharge of wastes which are subject to certain categorical pretreatment standards, you are required to make the following certification:

☐ I certify, since the last discharge monitoring report, there has been no discharge of wastes which are subject to pretreatment standards in 40 CFR _____.

F. Discharges subject to Pharmaceutical Categorical Standards (40 CFR 439) can be exempted from limitations and monitoring for Total Cyanide at the Pharmaceutical sample point(s) subjected to the following certification:

☐ I certify, since the last discharge monitoring report, cyanide has not been used or generated in any pharmaceutical manufacturing process subject to Categorical Standards in 40 CFR 439.

G. Discharges Subject to Categorical Standards for Electroplating (40 CFR 413), Metal Finishing (40 CFR 433) or Electrical & Electronic Components (40 CFR 469) can be exempted from TTO monitoring only at the Electroplating, Metal Finishing or Electrical & Electronic Components sample point(s) subject to the following certification:

☐ Based on my inquiry of the person or persons directly responsible for managing compliance with the permit limitation for total toxic organics (TTO), I certify that, to the best of my knowledge and belief, no dumping of concentrated toxic organics into the wastewaters has occurred since filing the last discharge monitoring report. I further certify that this facility is implementing the toxic organic management plan submitted to MSD.

Part IV: Special Certification Statements

Initial the box for statement A if it applies to you. **Everyone must complete the information under statement B and sign this report.**

A. Discharges at sample points subject only to MSD Ordinance limits can be exempted from TTO monitoring subject to the following certification:

☐ In lieu of monitoring for TTO at sample point(s) _____, I certify that to the best of my knowledge and belief, no toxic organics have been used at this premise or discharged into the wastewaters since filing of the last discharge monitoring report.

B. **Discharge Monitoring Report 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 designated 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.

RECEIVED AUG 30 2000

Print or type name of signing official: Matt Kingsley

Title: General Manager Telephone: 314 739-1919

Signature: Matt Kingsley Date: 8/28/00

5988 Mid Rivers Mall Drive, Suite 136
St. Charles, Missouri 63304, USA

Telephone (636) 939-9111
Fax (636) 939-9757

Bridgeton Landfill, LLC
Monthly Leachate Lagoon Meter Reading
Outfall 005

Month	Date of Reading	Gallons	Average Daily Discharge (Gal)	Equivalent Cubic Feet	Equivalent 100 Cubic Feet	Charge Per 100 Cubic Feet	Amount Due
January	1/31/00	6,655,000	214,677	889,705.88	8,897.06	$1.05	$9,341.91
February	2/29/00	2,172,000	77,571	290,374.33	2,903.74	$1.05	$3,048.93
March	3/31/00	8,425,000	271,774	1,126,336.90	11,263.37	$1.05	$11,826.54
April	4/30/00	4,476,000	149,200	598,395.72	5,983.96	$1.05	$6,283.16
May	5/31/00	1,040,000	33,548	139,037.43	1,390.37	$1.05	$1,459.89
June	6/30/00	12,387,000	412,900	1,656,016.04	16,560.16	$1.05	$17,388.17
July	7/31/00	10,336,000	333,419	1,381,818.18	13,818.18	$1.05	$14,509.09
August	8/31/00		0	0.00	0.00	$1.05	$0.00
September	9/30/00		0	0.00	0.00	$1.05	$0.00
October	10/31/00		0	0.00	0.00	$1.05	$0.00
November	11/30/00		0	0.00	0.00	$1.05	$0.00
December	12/31/00		0	0.00	0.00	$1.05	$0.00

RECEIVED
AUG 3 0 2000
Environmental Compliance

BRIDGETON
Landfill Authority
13570 St. Charles Rock Rd.
Bridgeton, MO 63044
314/739-1919 • Fax 314/739-2588

TTO

July 19, 2000

Mr. Fabian Grabski
Metropolitan St. Louis Sewer District
Department of Environmental Compliance
10 East Grand Avenue
St. Louis, MO 63147-2913

Re: Bridgeton Sanitary Landfill
MSD Discharge Permit No. 05115598-02
Second Quarter 2000

Dear Mr. Grabski:

Please find enclosed the second quarter 2000 leachate sample analysis obtained form sample point 005. The results of the leachate analysis are in compliance with permit number 05115598-02.

Also please find enclosed the year to date leachate volume reports through June 2000. If you have any further questions please contact me at (314) 739-1919, Ext. 112.

Very truly yours,

Rich Ferris

Rich Ferris
Operations Manager

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JUL 24 2000
Environmental Compliance

cc: Brad Bomanz, St. Louis County DOH
Doug Borro
Dick Cochran
Rod Bloese
Matt Kingsley

METROPOLITAN ST. LOUIS SEWER DISTRICT
INDUSTRIAL USER SELF MONITORING REPORT

PLEASE READ THE INSTRUCTIONS BEFORE COMPLETING THIS REPORT

Part I: Identifying Information

Company Name: Bridgeton Landfill, LLC

Permit No.: 05115598-02

Premise Address: 13570 St. Charles Rock Road, Bridgeton, MO 63044

Monitoring Period: ☐ (Jan-Mar) ☒ (Apr-Jun) ☐ (July-Sept) ☐ (Oct-Dec)

Samples Collected By: Barry Power (Herst & Associates, Inc.)

Analyses Performed By: Pace Analytical Services, Inc.

Part II: Analytical Results of Self Monitoring

MSD Sample Point Reference Numbers →			Outfall 005					
Dates on which samples were collected →			5/30 –5/31/2000					
Times at which samples were collected →			1430, 2125, 0830, 1351					
Parameter	**Limit**	**Record Sample Types (G, C, M, or E) and Results Below G=grab, C=composite, M=measured flow, E=estimated flow**						**Units**
Flow	***	E	464,000					gpd
Biochemical Oxygen Demand	****	C	336					mg/l
Chemical Oxygen Demand	****	C	819					mg/l
Oil and Grease (Total)	200	G	10.9					mg/l
pH Acidic (<7)	5.5	G						s.u.
pH Basic (≥7)	11.5	G	7.6					s.u.
Temperature	60	G	30.8					°C
Ammonia (as N)	*****	C	219					mg/l
Total Suspended Solids	****	C	44					mg/l
Arsenic (Total)	0.4	C	<0.050					mg/l
Cadmium (Total)	0.7	C	<0.005					mg/l
Chromium (Total)	5.0	C	0.0227					mg/l
Copper (Total)	2.7	C	<0.005					mg/l
Lead (Total)	0.4	C	<0.050					mg/l
Mercury (Total)	0.01	C	<0.0002					mg/l
Nickel (Total)	2.3	C	0.0378					mg/l
Zinc (Total)	3.0	C	<0.020					mg/l
Total Toxic Organics	5.52	G	0.00664 L.01					mg/l

You must complete and sign the certification statements on the next page.

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5988 Mid Rivers Mall Drive, Suite 136
St. Charles, Missouri 63304, USA

Telephone (636) 939-9111
Fax (636) 939-9757

Part III: Special Certification Statements

Based on the special conditions contained in your discharge permit you may be required to certify one of more of the following. Please review your permit and **place your initials in the boxes next to those certifications which are applicable to your facility**. If your permit contains no Special Conditions, then none of the certifications in **Part III** apply to you. **Go on to Part IV.**

A. If your permit special conditions waive monitoring at any sample point(s) specified in your permit, you are required to make the following certification:

☐ I certify, since the last discharge monitoring report, there has been no change in the character of the wastes discharged at sampling point(s)_____.

B. If your permit special conditions waive monitoring at active connection points which are not specified as sample points in your permit, you are required to make the following certification:

☐ I certify, since the last discharge monitoring report, there has been no change in the character of wastes discharged at those active connection points which are not specified in my permit.

C. If your permit special conditions waive monitoring at inactive connection points, you are required to make the following certification:

☐ I certify, since the permit issue date, there has been no change in the status of connection points identified as inactive. These points remain inactive and no discharge occurred during the period covered by this report.

D. If your permit special conditions authorize grab sample collection in lieu of composite sampling at any sample point(s), you are required to make the following certification:

☐ I certify the grab sample results in this report accurately represent our average daily discharge at sample points(s) _____.

E. If your permit special conditions prohibit discharge of wastes which are subject to certain categorical pretreatment standards, you are required to make the following certification:

☐ I certify, since the last discharge monitoring report, there has been no discharge of wastes which are subject to pretreatment standards in 40 CFR _____.

F. Discharges subject to Pharmaceutical Categorical Standards (40 CFR 439) can be exempted from limitations and monitoring for Total Cyanide at the Pharmaceutical sample point(s) subjected to the following certification:

☐ I certify, since the last discharge monitoring report, cyanide has not been used or generated in any pharmaceutical manufacturing process subject to Categorical Standards in 40 CFR 439.

G. Discharges Subject to Categorical Standards for Electroplating (40 CFR 413), Metal Finishing (40 CFR 433) or Electrical & Electronic Components (40 CFR 469) can be exempted from TTO monitoring only at the Electroplating, Metal Finishing or Electrical & Electronic Components sample point(s) subject to the following certification:

☐ Based on my inquiry of the person or persons directly responsible for managing compliance with the permit limitation for total toxic organics (TTO), I certify that, to the best of my knowledge and belief, no dumping of concentrated toxic organics into the wastewaters has occurred since filing the last discharge monitoring report. I further certify that this facility is implementing the toxic organic management plan submitted to MSD.

Part IV: Special Certification Statements

Initial the box for statement A if it applies to you. **Everyone must complete the information under statement B and sign this report.**

A. Discharges at sample points subject only to MSD Ordinance limits can be exempted from TTO monitoring subject to the following certification:

☐ In lieu of monitoring for TTO at sample point(s) _____, I certify that to the best of my knowledge and belief, no toxic organics have been used at this premise or discharged into the wastewaters since filing of the last discharge monitoring report.

B. **Discharge Monitoring Report 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 designated 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.

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Print or type name of signing official: Matt Kingsley

Title: General Manager Telephone: (314) 739-1919

Signature: Matt Kingsley Date: 7/19/2000

5988 Mid Rivers Mall Drive, Suite 136
St. Charles, Missouri 63304, USA

Telephone (636) 939-9111
Fax (636) 939-9757

Bridgeton Landfill, LLC
Monthly Leachate Lagoon Meter Reading
Outfall 005

Month	Date of Reading	Gallons	Average Daily Discharge (Gal)	Equivalent Cubic Feet	Equivalent 100 Cubic Feet	Charge Per 100 Cubic Feet	Amount Due
January	1/31/00	6,655,000	214,677	889,705.88	8,897.06	$1.05	$9,341.91
February	2/29/00	2,172,000	77,571	290,374.33	2,903.74	$1.05	$3,048.93
March	3/31/00	8,425,000	271,774	1,126,336.90	11,263.37	$1.05	$11,826.54
April	4/30/00	4,476,000	149,200	598,395.72	5,983.96	$1.05	$6,283.16
May	5/31/00	1,040,000	33,548	139,037.43	1,390.37	$1.05	$1,459.89
June	6/30/00	12,387,000	412,900	1,656,016.04	16,560.16	$1.05	$17,388.17
July	7/31/00		0	0.00	0.00	$1.05	$0.00
August	8/31/00		0	0.00	0.00	$1.05	$0.00
September	9/30/00		0	0.00	0.00	$1.05	$0.00
October	10/31/00		0	0.00	0.00	$1.05	$0.00
November	11/30/00		0	0.00	0.00	$1.05	$0.00
December	12/31/00		0	0.00	0.00	$1.05	$0.00

REC
JUL 24 2000
Environmental Compliance

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Fax: 281.488.4661

DATE: 06/29/00
PAGE: 1

Herst and Associates
5988 Mid Rivers Mall Drive
Suite 213
St. Charles, MO 63304

Pace Project Number: 8515168
Client Project ID: A/W Bridgeton Outfall 005 5/00

Attn: Mr. Ward Herst
Phone: 314-939-9111

Solid results are reported on a wet weight basis

Pace Sample No: 851482067 Date Collected: 05/31/00 Matrix: Water
Client Sample ID: BRIDGETON OUTFALL 005 Date Received: 06/01/00

Parameters	Results	Units	PRL	App. DF	Analyzed	Analyst	CAS#	Footnotes
Metals								
EPA 200.7 Metals.Routine Block	Method: EPA 200.7				Prep Method:			
Arsenic	ND	ug/l	50	1.00	06/07/00	VSAS	7440-38-2	
Cadmium	ND	ug/l	5	1.00	06/07/00	VSAS	7440-43-9	
Chromium	22.7	ug/l	5	1.00	06/07/00	VSAS	7440-47-3	
Copper	ND	ug/l	5	1.00	06/07/00	VSAS	7440-50-8	
Iron	2180	ug/l	30	1.00	06/07/00	VSAS	7439-89-6	
Lead	ND	ug/l	50	1.00	06/07/00	VSAS	7439-92-1	
Nickel	37.8	ug/l	10	1.00	06/07/00	VSAS	7440-02-0	
Zinc	ND	ug/l	20	1.00	06/07/00	VSAS	7440-66-6	
Mercury, Water, SW 7470	Method: EPA 7470				Prep Method: EPA 7470			
Mercury	ND	ug/l	0.2	1.00	06/12/00	BJAC	7439-97-6	
Wet Chemistry								
pH of Water Samples	Method: EPA 150.1				Prep Method: EPA 150.1			
pH	8.2		0	1.00	05/31/00	JROB		
Total Suspended Solids	Method: EPA 160.2				Prep Method: EPA 160.2			
Total Suspended Solids	44	mg/l	4	1.00	06/05/00	JROB		
Ammonia, Distilled	Method: EPA 350.1				Prep Method: EPA 350.1			
Nitrogen, Ammonia	219	mg/l	4	40.0	06/06/00	HFEB	7727-37-9	
Chemical Oxygen Demand, 410.4	Method: EPA 410.4				Prep Method: EPA 410.4			
Chemical Oxygen Demand	819	mg/l	5	1.00	06/05/00	KMUL		

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DATE: 06/29/00
PAGE: 2

Pace Project Number: 8515168
Client Project ID: A/W Bridgeton Outfall 005 5/00

Pace Sample No: 851482067 Date Collected: 05/31/00 Matrix: Water
Client Sample ID: BRIDGETON OUTFALL 005 Date Received: 06/01/00

Parameters	Results	Units	PRL	App. DF	Analyzed	Analyst	CAS#	Footnotes
Biochemical Oxygen Demand, 5 d	Method: EPA 405.1				Prep Method: EPA 405.1			
BOD, 5 day	336	mg/l	2	1.00	06/02/00	RGEN		
Organics Prep								
Total Recoverable Oil & Grease	Method: EPA 413.1				Prep Method: EPA 413.1			
Oil and Grease	10.9	mg/l	5	1.00	06/05/00	RMOS		
GC/MS Volatiles								
EPA 624 Routine VOCs, Water	Method: EPA 624				Prep Method: See analytical meth			
Acrolein	ND	ug/l	100	1.00	06/14/00	NZAI	107-02-8	
Acrylonitrile	ND	ug/l	100	1.00	06/14/00	NZAI	107-13-1	
Benzene	ND	ug/l	5	1.00	06/14/00	NZAI	71-43-2	
Bromodichloromethane	ND	ug/l	5	1.00	06/14/00	NZAI	75-27-4	
Bromoform	ND	ug/l	5	1.00	06/14/00	NZAI	75-25-2	
Bromomethane	ND	ug/l	10	1.00	06/14/00	NZAI	74-83-9	
Carbon Tetrachloride	ND	ug/l	5	1.00	06/14/00	NZAI	56-23-5	
Chlorobenzene SP	6.64 ≤.01	ug/l	5	1.00	06/14/00	NZAI	108-90-7	
Chloroethane SP	ND	ug/l	10 ≤.01	1.00	06/14/00	NZAI	75-00-3	
Chloroform	ND	ug/l	5	1.00	06/14/00	NZAI	67-66-3	
Chloromethane	ND	ug/l	10	1.00	06/14/00	NZAI	74-87-3	
Dibromochloromethane	ND	ug/l	5	1.00	06/14/00	NZAI	124-48-1	
1,1-Dichloroethane SP	ND	ug/l	5 ≤.01	1.00	06/14/00	NZAI	75-34-3	
1,2-Dichloroethane	ND	ug/l	5	1.00	06/14/00	NZAI	107-06-2	
1,1-Dichloroethene SP	ND	ug/l	5 ≤.01	1.00	06/14/00	NZAI	75-35-4	
1,2-Dichloropropane	ND	ug/l	5	1.00	06/14/00	NZAI	78-87-5	
cis-1,3-Dichloropropene	ND	ug/l	5	1.00	06/14/00	NZAI	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/l	5	1.00	06/14/00	NZAI	10061-02-6	
Ethylbenzene SP	ND	ug/l	5	1.00	06/14/00	NZAI	100-41-4	
Methylene Chloride SP	ND	ug/l	5 ≤.01	1.00	06/14/00	NZAI	75-09-2	
1,1,2,2-Tetrachloroethane	ND	ug/l	5	1.00	06/14/00	NZAI	79-34-5	
Tetrachloroethene	ND	ug/l	5	1.00	06/14/00	NZAI	127-18-4	
Toluene SP	ND	ug/l	5 ≤.01	1.00	06/14/00	NZAI	108-88-3	
1,1,1-Trichloroethane	ND	ug/l	5	1.00	06/14/00	NZAI	71-55-6	
Trichloroethene SP	ND	ug/l	5	1.00	06/14/00	NZAI	79-01-6	
Vinyl Chloride SP	ND	ug/l	10 ≤.01	1.00	06/14/00	NZAI	75-01-4	
Toluene-d8 (S)	88	%		1.00	06/14/00	NZAI	2037-26-5	
4-Bromofluorobenzene (S)	95	%		1.00	06/14/00	NZAI	460-00-4	
1,2-Dichloroethane-d4 (S)	90	%		1.00	06/14/00	NZAI	17060-07-0	

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DATE: 06/29/00
PAGE: 3

Pace Project Number: 8515168
Client Project ID: A/W Bridgeton Outfall 005 5/00

Pace Sample No: 851482067 Date Collected: 05/31/00 Matrix: Water
Client Sample ID: BRIDGETON OUTFALL 005 Date Received: 06/01/00

Parameters	Results	Units	PRL	App. DF	Analyzed	Analyst	CAS#	Footnotes
1,1,2-Trichloroethane	ND	ug/l	5	1.00	06/14/00	NZAI	79-00-5	
GC/MS Semivolatiles								
Semivolatile Organics. Water	Method: EPA 625				Prep Method: EPA 625 CLLE			
N-Nitrosodimethylamine	ND	ug/l	10	1.00	06/10/00	TCOR	62-75-9	
Phenol (6p)	ND	ug/l	10 ≤.01	1.00	06/10/00	TCOR	108-95-2	
bis(2-Chloroethyl)ether	ND	ug/l	10	1.00	06/10/00	TCOR	111-44-4	
2-Chlorophenol	ND	ug/l	10	1.00	06/10/00	TCOR	95-57-8	
1,3-Dichlorobenzene	ND	ug/l	10	1.00	06/10/00	TCOR	541-73-1	
1,4-Dichlorobenzene	ND	ug/l	10	1.00	06/10/00	TCOR	106-46-7	
1,2-Dichlorobenzene	ND	ug/l	10	1.00	06/10/00	TCOR	95-50-1	
bis(2-Chloroisopropyl)ether	ND	ug/l	10	1.00	06/10/00	TCOR	39638-32-9	
N-Nitroso-di-n-propylamine	ND	ug/l	10	1.00	06/10/00	TCOR	621-64-7	
Hexachloroethane	ND	ug/l	10	1.00	06/10/00	TCOR	67-72-1	
Nitrobenzene	ND	ug/l	10	1.00	06/10/00	TCOR	98-95-3	
Isophorone	ND	ug/l	10	1.00	06/10/00	TCOR	78-59-1	
2-Nitrophenol	ND	ug/l	10	1.00	06/10/00	TCOR	88-75-5	
2,4-Dimethylphenol	ND	ug/l	10	1.00	06/10/00	TCOR	105-67-9	
bis(2-Chloroethoxy)methane	ND	ug/l	10	1.00	06/10/00	TCOR	111-91-1	
2,4-Dichlorophenol	ND	ug/l	10	1.00	06/10/00	TCOR	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/l	10	1.00	06/10/00	TCOR	120-82-1	
Naphthalene	ND	ug/l	10	1.00	06/10/00	TCOR	91-20-3	
Hexachloro-1,3-butadiene	ND	ug/l	10	1.00	06/10/00	TCOR	87-68-3	
4-Chloro-3-methylphenol	ND	ug/l	10	1.00	06/10/00	TCOR	59-50-7	
Hexachlorocyclopentadiene	ND	ug/l	10	1.00	06/10/00	TCOR	77-47-4	
2,4,6-Trichlorophenol	ND	ug/l	10	1.00	06/10/00	TCOR	88-06-2	
2-Chloronaphthalene	ND	ug/l	10	1.00	06/10/00	TCOR	91-58-7	
Dimethylphthalate	ND	ug/l	10	1.00	06/10/00	TCOR	131-11-3	
Acenaphthylene	ND	ug/l	10	1.00	06/10/00	TCOR	208-96-8	
Acenaphthene	ND	ug/l	10	1.00	06/10/00	TCOR	83-32-9	
2,4-Dinitrophenol	ND	ug/l	50	1.00	06/10/00	TCOR	51-28-5	
4-Nitrophenol	ND	ug/l	50	1.00	06/10/00	TCOR	100-02-7	
2,4-Dinitrotoluene	ND	ug/l	10	1.00	06/10/00	TCOR	121-14-2	
Diethylphthalate	ND	ug/l	10	1.00	06/10/00	TCOR	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/l	10	1.00	06/10/00	TCOR	7005-72-3	
Fluorene	ND	ug/l	10	1.00	06/10/00	TCOR	86-73-7	
4,6 Dinitro-2-methylphenol	ND	ug/l	50	1.00	06/10/00	TCOR	534-52-1	
N-Nitrosodiphenylamine	ND	ug/l	10	1.00	06/10/00	TCOR	86-30-6	
4-Bromophenyl-phenylether	ND	ug/l	10	1.00	06/10/00	TCOR	101-55-3	

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DATE: 06/29/00
PAGE: 4

Pace Project Number: 8515168
Client Project ID: A/W Bridgeton Outfall 005 5/00

Pace Sample No: 851482067 Date Collected: 05/31/00 Matrix: Water
Client Sample ID: BRIDGETON OUTFALL 005 Date Received: 06/01/00

Parameters	Results	Units	PRL	App. DF	Analyzed	Analyst	CAS#	Footnotes
Hexachlorobenzene	ND	ug/l	10	1.00	06/10/00	TCOR	118-74-1	
Pentachlorophenol	ND	ug/l	50	1.00	06/10/00	TCOR	87-86-5	
Phenanthrene	ND	ug/l	10	1.00	06/10/00	TCOR	85-01-8	
Anthracene SP	ND	ug/l	~~10~~ ≤.01	1.00	06/10/00	TCOR	120-12-7	
Di-n-butylphthalate	ND	ug/l	10	1.00	06/10/00	TCOR	84-74-2	
Fluoranthene	ND	ug/l	10	1.00	06/10/00	TCOR	206-44-0	
Pyrene	ND	ug/l	10	1.00	06/10/00	TCOR	129-00-0	
Benzidine	ND	ug/l	50	1.00	06/10/00	TCOR	92-87-5	
Butylbenzylphthalate	ND	ug/l	10	1.00	06/10/00	TCOR	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/l	20	1.00	06/10/00	TCOR	91-94-1	
Benzo(a)anthracene	ND	ug/l	10	1.00	06/10/00	TCOR	56-55-3	
Chrysene	ND	ug/l	10	1.00	06/10/00	TCOR	218-01-9	
bis(2-Ethylhexyl)phthalate	ND	ug/l	10	1.00	06/10/00	TCOR	117-81-7	
Di-n-octylphthalate	ND	ug/l	10	1.00	06/10/00	TCOR	117-84-0	
Benzo(b)fluoranthene	ND	ug/l	10	1.00	06/10/00	TCOR	205-99-2	
Benzo(k)fluoranthene	ND	ug/l	10	1.00	06/10/00	TCOR	207-08-9	
Benzo(a)pyrene	ND	ug/l	10	1.00	06/10/00	TCOR	50-32-8	
Indeno(1,2,3-cd)pyrene	ND	ug/l	10	1.00	06/10/00	TCOR	193-39-5	
Dibenz(a,h)anthracene	ND	ug/l	10	1.00	06/10/00	TCOR	53-70-3	
Benzo(g,h,i)perylene	ND	ug/l	10	1.00	06/10/00	TCOR	191-24-2	
2,6-Dinitrotoluene	ND	ug/l	10	1.00	06/10/00	TCOR	606-20-2	
1,2-Diphenylhydrazine	ND	ug/l	10	1.00	06/10/00	TCOR	122-66-7	
Nitrobenzene-d5 (S)	47	%		1.00	06/10/00	TCOR	4165-60-0	
2-Fluorobiphenyl (S)	32	%		1.00	06/10/00	TCOR	321-60-8	
Terphenyl-d14 (S)	18	%		1.00	06/10/00	TCOR	1718-51-0	1
Phenol-d6 (S)	11	%		1.00	06/10/00	TCOR	13127-88-3	
2-Fluorophenol (S)	12	%		1.00	06/10/00	TCOR	367-12-4	2
2,4,6-Tribromophenol (S)	33	%		1.00	06/10/00	TCOR	118-79-6	
Date Extracted					06/01/00			

Comments : Sample container for metals analysis was received with a pH of 7. Adjusted pH and proceeded with analysis per client request.

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Fax: 281.488.4661

DATE: 06/29/00
PAGE: 5

Pace Project Number: 8515168
Client Project ID: A/W Bridgeton Outfall 005 5/00

PARAMETER FOOTNOTES

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
(S)	Surrogate
App. DF	Applied Dilution Factor
[1]	Base/neutral surrogate recovery outside of control limits. The data was accepted based on valid recovery of remaining two base/neutral surrogates.
[2]	Acid surrogate recovery outside of control limits. The data was accepted based on valid recovery of remaining two acid's surrogate.

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Metropolitan
St. Louis Sewer
District

Department of Environmental Compliance
10 East Grand Avenue
St. Louis, MO 63147-2913
(314) 436-8710
FAX (314) 436-8753

May 19, 2000

Mr. Rod Bloese, R.G.
BRIDGETON LANDFILL
13570 St. Charles Rock Rd.
Bridgeton, MO 63044

RE: NOTICE OF PERMIT VIOLATIONS

Permittee:	**BFI WASTE SYSTEMS OF N. AMERICA**
Discharge Permit No:	**90053689-01**
For premise at:	**2510 Adie Rd.**
	Maryland Heights, MO 63043

Dear Mr. Bloese:

Under the terms and conditions of the above referenced permit, you are required to self-monitor the discharge at each of the identified sampling points. Monitoring is to be performed for the parameters listed and at the frequency specified in the permit. The results are to be reported quarterly.

VIOLATIONS OF PERMIT TERMS/CONDITIONS:

The report did not include results of analyses for Ammonia (as N), Iron (T) and Silver (T) at sampling point 001. This is in violation of permit standard condition I.A.1 which requires sampling and analysis for all regulated substances at the frequencies specified. Ammonia (as N), Iron (T) and Silver (T) are regulated at sampling point 001 with sampling and analysis required once per three months.

REQUIRED ACTION/RESPONSE:

Submit a report of corrective actions, which you have initiated, to ensure that the sampling and analytical requirements will be met in future reporting quarters.

Failure to perform the monitoring and reporting requirements of your permit places your company in Significant Noncompliance (SNC), as defined in District ordinance 8472 and federal pretreatment regulations 40 CFR 403. SNC companies are subject to enforcement action by the District. At a minimum, the District is required to list SNC companies in an annual newspaper publication.

We note that the report included the result of analysis for Selenium (T). The permit does not required this parameter to be monitored.

Please submit your corrective action response by June 15, 2000. If you have any questions, please contact me at 436-8755.

Sincerely,
METROPOLITAN ST. LOUIS SEWER DISTRICT

Gunter H Durdel

Gunter H. Durdel
Assistant Engineer

ldl

BRIDGETON
Landfill Authority

13570 St. Charles Rock Rd.
Bridgeton, MO 63044
314/739-1919 • Fax 314/739-2588

May 31, 2000

Metropolitan St. Louis Sewer District
Dept. of Environmental Compliance
10 East Grand Avenue
St. Louis, MO 63147-2913

Re: Bridgeton Landfill, LLC, MSD Permit No. 05115598-02
Discharge Permit Renewal Application

Dear Sir(s):

Please find enclosed an application for renewal of discharge permit number 05115598-02 issued by the Metropolitan St. Louis Sewer District on January 31, 1997 and last modified on March 27, 1998. Please note that our legal name is **Bridgeton Landfill, LLC**. This was mistakenly recorded as **Bridgeton Landfill, LCC** in the March 27, 1998 permit modification.

✓ FL 6/12/00

If you have any questions please contact me directly at (314) 739-1919 extension 101.

Very truly yours,
BRIDGETON LANDFILL, LLC

Matt Kingsley

Matt Kingsley, P.E.
General Manager

enclosure

Cc: Dick Cochran, w/o encl.
Doug Borro, w/o encl.
Rod Bloese, w/o encl
Rich Ferris, w/encl.

RECEIVED
JUN 12 2000
Environmental Compliance

RECEIVED (During MTB Insp.)

APR 13 2000

DEPT. of ENVIRONMENTAL COMPLIANCE

Bridgeton Landfill, LLC
Monthly Leachate Lagoon Meter Reading
Outfall 005

Month	Date of Reading	Gallons	Average Daily Discharge (Gal)	Equivalent Cubic Feet	Equivalent 100 Cubic Feet	Charge Per 100 Cubic Feet	Amount Due
January	1/31/99	3,529,000	113,839	471,791.44	4,717.91	$1.05	$4,953.81
February	2/28/99	10,001,000	357,179	1,337,032.09	13,370.32	$1.05	$14,038.84
March	3/31/99	8,214,000	264,968	1,098,128.34	10,981.28	$1.05	$11,530.35
April	4/30/99	0	0	0.00	0.00	$1.05	$0.00
May	5/30/99	0	0	0.00	0.00	$1.05	$0.00
June	*See Below	450,000	300,000	60,160.43	601.60	$1.05	$631.68
July**	7/31/99	10,890,000	351,290	1,455,882.35	14,558.82	$1.05	$15,286.76
August	8/31/99	13,386,000	431,806	1,789,572.19	17,895.72	$1.05	$18,790.51
September	9/30/99	8,066,000	260,194	1,078,342.25	10,783.42	$1.05	$11,322.59
October	10/31/99	2,834,000	91,419	378,877.01	3,788.77	$1.05	$3,978.21
November	11/30/99	6,044,000	194,968	808,021.39	8,080.21	$1.05	$8,484.22
December	12/31/99	7,195,000	232,097	961,898.40	9,618.98	$1.05	$10,099.93

* After repairs were completed to the lagoon pump, we pumped for approximately one and a half days. The flow meter was mistakenly not reset as of July 1, 1999. As a result of this we are estimating the total flow in June as shown above. At the end of July, 1999 we will subtract 450,000 gallons from the total reading and report the total flow for July, 1999.

** The actual reading on July 31, 1999 was 11,340,000 gallons. As noted above this included approximately 450,000 gallons discharged in June, 1999. The 450,000 gallons was deducted from the July 31, 1999 meter reading to net 10,890,000 gallons reported above for July, 1999.

Metropolitan
St. Louis Sewer
District

Department of Environmental Compliance
10 East Grand Avenue
St. Louis, MO 63147-2913
(314) 436-8710
FAX (314) 436-8753

April 13, 2000

Matt Kingsley
Site Manager
BRIDGETON LANDFILL, LLC
13570 St. Charles Rock Rd
Bridgeton, MO 63044

Re: Discharge Permit No: 05115598-02
For premise at: 13570 St. Charles Rock Rd
Bridgeton, MO 63044

Dear Mr. Kingsley:

The Metropolitan St. Louis Sewer District Wastewater Discharge permit for the above premise expires on November 30, 2000. Under the terms of the permit, you are required to apply for renewal at least 180 days prior to the expiration date.

Enclosed is an Industrial User Questionnaire along with detailed instructions to assist you in supplying the required information. This questionnaire serves as your permit application. We request that you return the original and yellow copy by June 1, 2000.

After a review of the questionnaire and our existing data, we will prepare a draft permit and send it to you for comment.

Thank you for your cooperation. If you have any question or any specific problem providing the requested information, please contact me, at 436-8755, or Fabian Grabski, at 436-8756.

Sincerely,
METROPOLITAN ST. LOUIS SEWER DISTRICT

Gunter H. Dundel
Assistant Engineer

bv

Enclosure

BRIDGETON
Landfill Authority
13570 St. Charles Rock Rd.
Bridgeton, MO 63044
314/739-1919 • Fax 314/739-2588

FC 3/27/00 7 min

March 22, 2000

Mr. Fabian Grabski
Metropolitan St. Louis Sewer District
Department of Environmental Compliance
10 East Grand Avenue
St. Louis, MO 63147-2913

Re: Bridgeton Sanitary Landfill
MSD Discharge Permit No. 05115598-02
First Quarter 2000

Dear Mr. Grabski:

Please find enclosed the first quarter 2000 leachate sample analysis obtained form sample point 005. The results of the leachate analysis are in compliance with permit number 05115598-02.

Also please find enclosed the year to date leachate volume reports through February 2000. If you have any further questions please contact me at (314) 739-1919, Ext. 112.

Very truly yours,

Rich Ferris

Rich Ferris
Operations Manager

RECEIVED
MAR 24 2000
Environmental Compliance

cc: Brad Bomanz, St. Louis County DOH
Doug Borro
Dick Cochran
Rod Bloese
Matt Kingsley

METROPOLITAN ST. LOUIS SEWER DISTRICT
INDUSTRIAL USER SELF MONITORING REPORT

PLEASE READ THE INSTRUCTIONS BEFORE COMPLETING THIS REPORT

Part I: Identifying Information

Company Name: Bridgeton Landfill, LLC

Permit No.: 05115598-02

Premise Address: 13570 St. Charles Rock Road, Bridgeton, MO 63044

Monitoring Period: [X] (Jan-Mar) [ ] (Apr-Jun) [ ] (July-Sept) [ ] (Oct-Dec)

Samples Collected By: Melissa M^c^Guire

Analyses Performed By: Pace Analytical Services, Inc.

Part II: Analytical Results of Self Monitoring

MSD Sample Point Reference Numbers →		Outfall 005						
Dates on which samples were collected →		2/16 –2/17/00						
Times at which samples were collected →		1210, 1725, 0840, 1105						
Parameter	**Limit**	**Record Sample Types (G, C, M, or E) and Results Below G=grab, C=composite, M=measured flow, E=estimated flow**						**Units**
Flow	***	E	77,050					gpd
Biochemical Oxygen Demand	****	C	134					mg/l
Chemical Oxygen Demand	****	C	637					mg/l
Oil and Grease (Total)	200	G	< 5					mg/l
pH Acidic (<7)	5.5	G						s.u.
pH Basic (≥7)	11.5	G	7.7					s.u.
Temperature	60	G	6.4					°C
Ammonia (as N)	*****	C	203					mg/l
Total Suspended Solids	****	C	54					mg/l
Arsenic (Total)	0.4	C	<0.050					mg/l
Cadmium (Total)	0.7	C	<0.005					mg/l
Chromium (Total)	5.0	C	0.0244					mg/l
Copper (Total)	2.7	C	0.0435					mg/l
Lead (Total)	0.4	C	<0.050					mg/l
Mercury (Total)	0.01	C	<0.00020					mg/l
Nickel (Total)	2.3	C	0.0398					mg/l
Zinc (Total)	3.0	C	0.0696					mg/l
Total Toxic Organics	5.52	G						mg/l

You must complete and sign the certification statements on the next page.

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MAR 24 2000
Environmental Compliance

Part III: Special Certification Statements

Based on the special conditions contained in your discharge permit you may be required to certify one of more of the following. Please review your permit and **place your initials in the boxes next to those certifications which are applicable to your facility**. If your permit contains no Special Conditions, then none of the certifications in **Part III** apply to you. **Go on to Part IV.**

A. If your permit special conditions waive monitoring at any sample point(s) specified in your permit, you are required to make the following certification:

☐ I certify, since the last discharge monitoring report, there has been no change in the character of the wastes discharged at sampling point(s)_____.

B. If your permit special conditions waive monitoring at active connection points which are not specified as sample points in your permit, you are required to make the following certification:

☐ I certify, since the last discharge monitoring report, there has been no change in the character of wastes discharged at those active connection points which are not specified in my permit.

C. If your permit special conditions waive monitoring at inactive connection points, you are required to make the following certification:

☐ I certify, since the permit issue date, there has been no change in the status of connection points identified as inactive. These points remain inactive and no discharge occurred during the period covered by this report.

D. If your permit special conditions authorize grab sample collection in lieu of composite sampling at any sample point(s), you are required to make the following certification:

☐ I certify the grab sample results in this report accurately represent our average daily discharge at sample points(s) _____.

E. If your permit special conditions prohibit discharge of wastes which are subject to certain categorical pretreatment standards, you are required to make the following certification:

☐ I certify, since the last discharge monitoring report, there has been no discharge of wastes which are subject to pretreatment standards in 40 CFR _____.

F. Discharges subject to Pharmaceutical Categorical Standards (40 CFR 439) can be exempted from limitations and monitoring for Total Cyanide at the Pharmaceutical sample point(s) subjected to the following certification:

☐ I certify, since the last discharge monitoring report, cyanide has not been used or generated in any pharmaceutical manufacturing process subject to Categorical Standards in 40 CFR 439.

G. Discharges Subject to Categorical Standards for Electroplating (40 CFR 413), Metal Finishing (40 CFR 433) or Electrical & Electronic Components (40 CFR 469) can be exempted from TTO monitoring only at the Electroplating, Metal Finishing or Electrical & Electronic Components sample point(s) subject to the following certification:

☐ Based on my inquiry of the person or persons directly responsible for managing compliance with the permit limitation for total toxic organics (TTO), I certify that, to the best of my knowledge and belief, no dumping of concentrated toxic organics into the wastewaters has occurred since filing the last discharge monitoring report. I further certify that this facility is implementing the toxic organic management plan submitted to MSD.

Part IV: Special Certification Statements

Initial the box for statement A if it applies to you. **Everyone must complete the information under statement B and sign this report.**

A. Discharges at sample points subject only to MSD Ordinance limits can be exempted from TTO monitoring subject to the following certification:

☐ In lieu of monitoring for TTO at sample point(s) _____, I certify that to the best of my knowledge and belief, no toxic organics have been used at this premise or discharged into the wastewaters since filing of the last discharge monitoring report.

B. **Discharge Monitoring Report 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 designated 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.

Print or type name of signing official: Matt Kingsley

Title: General Manager Telephone: (314) 739-1919

Signature: Matt Kingsley Date: 3/22/2000

RECEIVED

MAR 24 2000

Environmental Compliance

Bridgeton Landfill, LLC
Monthly Leachate Lagoon Meter Reading
Outfall 005

Month	Date of Reading	Gallons	Average Daily Discharge (Gal)	Equivalent Cubic Feet	Equivalent 100 Cubic Feet	Charge Per 100 Cubic Feet	Amount Due
January	1/31/00	6,655,000	214,677	889,705.88	8,897.06	$1.05	$9,341.91
February	2/29/00	2,172,000	77,571	290,374.33	2,903.74	$1.05	$3,048.93
March	3/31/00		0	0.00	0.00	$1.05	$0.00
April	4/30/00		0	0.00	0.00	$1.05	$0.00
May	5/31/00		0	0.00	0.00	$1.05	$0.00
June	6/30/00		0	0.00	0.00	$1.05	$0.00
July**	7/31/00		0	0.00	0.00	$1.05	$0.00
August	8/31/00		0	0.00	0.00	$1.05	$0.00
September	9/30/00		0	0.00	0.00	$1.05	$0.00
October	10/31/00		0	0.00	0.00	$1.05	$0.00
November	11/30/00		0	0.00	0.00	$1.05	$0.00
December	12/31/00		0	0.00	0.00	$1.05	$0.00

RE[illegible]D
MAR 2 4 2000
Environmental Compliance

Landfill Authority

13570 St. Charles Rock Rd.
Bridgeton, MO 63044
314/739-1919 • Fax 314/739-2588

FG
1/20/00
9 mm

January 18, 2000

Mr. Fabian Grabski
Metropolitan St. Louis Sewer District
Department of Environmental Compliance
10 East Grand Avenue
St. Louis, MO 63147-2913

Re: Bridgeton Sanitary Landfill
MSD Discharge Permit No. 05115598-02
Fourth Quarter 1999

Dear Mr. Grabski:

Please find enclosed the ~~fourth~~ 3rd quarter 1999 leachate sample analysis obtained form sample point 005. The results of the leachate analysis are in compliance with permit number 05115598-02.

Also please find enclosed the year to date leachate volume reports through December 1999. If you have any further questions please contact me at (314) 739-1919, Ext. 112.

Very truly yours,

Rich Ferris

Rich Ferris
Operations Manager

cc: Brad Bomanz, St. Louis County DOH
Doug Borro
Dick Cochran
Rod Bloese
Matt Kingsley

RE
JAN 19 2000
Environmental

METROPOLITAN ST. LOUIS SEWER DISTRICT
INDUSTRIAL USER SELF MONITORING REPORT

PLEASE READ THE INSTRUCTIONS BEFORE COMPLETING THIS REPORT

Part I: Identifying Information

Company Name: Bridgeton Landfill, LLC

Permit No.: 05115598-02

Premise Address: 13570 St. Charles Rock Road, Bridgeton, MO 63044

Monitoring Period: ☐ (Jan-Mar) ☐ (Apr-Jun) ☐ (July-Sept) ☒ (Oct-Dec)

Samples Collected By: Steve Jett

Analyses Performed By: Quanterra, Inc.

Part II: Analytical Results of Self Monitoring

MSD Sample Point Reference Numbers →		Outfall 005						
Dates on which samples were collected →		9/18-9/19/1999						
Times at which samples were collected →		1313,1650,0724,1205						
Parameter	**Limit**	**Record Sample Types (G, C, M, or E) and Results Below G=grab, C=composite, M=measured flow, E=estimated flow**						**Units**
Flow	***	E	365,731					gpd
Biochemical Oxygen Demand	****	C	67					mg/l
Chemical Oxygen Demand	****	C	604					mg/l
Oil and Grease (Total)	200	G	<5.0					mg/l
pH Acidic (<7)	5.5	G						s.u.
pH Basic (≥7)	11.5	G	7.8					s.u.
Temperature	60	G	15.8					°C
Ammonia (as N)	*****	C	210					mg/l
Total Suspended Solids	****	C	74					mg/l
Arsenic (Total)	0.4	C	<0.050					mg/l
Cadmium (Total)	0.7	C	<0.005					mg/l
Chromium (Total)	5.0	C	0.0212					mg/l
Copper (Total)	2.7	C	<0.005					mg/l
Lead (Total)	0.4	C	<0.050					mg/l
Mercury (Total)	0.01	C	<0.00020					mg/l
Nickel (Total)	2.3	C	0.0478					mg/l
Zinc (Total)	3.0	C	<0.034					mg/l
Total Toxic Organics	5.52	G						mg/l

You must complete and sign the certification statements on the next page.

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JAN 19 2000
Environmental Compliance

Part III: Special Certification Statements

Based on the special conditions contained in your discharge permit you may be required to certify one of more of the following. Please review your permit and **place your initials in the boxes next to those certifications which are applicable to your facility**. If your permit contains no Special Conditions, then none of the certifications in **Part III** apply to you. **Go on to Part IV.**

A. If your permit special conditions waive monitoring at any sample point(s) specified in your permit, you are required to make the following certification:

☐ I certify, since the last discharge monitoring report, there has been no change in the character of the wastes discharged at sampling point(s)_____.

B. If your permit special conditions waive monitoring at active connection points which are not specified as sample points in your permit, you are required to make the following certification:

☐ I certify, since the last discharge monitoring report, there has been no change in the character of wastes discharged at those active connection points which are not specified in my permit.

C. If your permit special conditions waive monitoring at inactive connection points, you are required to make the following certification:

☐ I certify, since the permit issue date, there has been no change in the status of connection points identified as inactive. These points remain inactive and no discharge occurred during the period covered by this report.

D. If your permit special conditions authorize grab sample collection in lieu of composite sampling at any sample point(s), you are required to make the following certification:

☐ I certify the grab sample results in this report accurately represent our average daily discharge at sample points(s) _____.

E. If your permit special conditions prohibit discharge of wastes which are subject to certain categorical pretreatment standards, you are required to make the following certification:

☐ I certify, since the last discharge monitoring report, there has been no discharge of wastes which are subject to pretreatment standards in 40 CFR _____.

F. Discharges subject to Pharmaceutical Categorical Standards (40 CFR 439) can be exempted from limitations and monitoring for Total Cyanide at the Pharmaceutical sample point(s) subjected to the following certification:

☐ I certify, since the last discharge monitoring report, cyanide has not been used or generated in any pharmaceutical manufacturing process subject to Categorical Standards in 40 CFR 439.

G. Discharges Subject to Categorical Standards for Electroplating (40 CFR 413), Metal Finishing (40 CFR 433) or Electrical & Electronic Components (40 CFR 469) can be exempted from TTO monitoring only at the Electroplating, Metal Finishing or Electrical & Electronic Components sample point(s) subject to the following certification:

☐ Based on my inquiry of the person or persons directly responsible for managing compliance with the permit limitation for total toxic organics (TTO), I certify that, to the best of my knowledge and belief, no dumping of concentrated toxic organics into the wastewaters has occurred since filing the last discharge monitoring report. I further certify that this facility is implementing the toxic organic management plan submitted to MSD.

Part IV: Special Certification Statements

Initial the box for statement A if it applies to you. **Everyone must complete the information under statement B and sign this report.**

A. Discharges at sample points subject only to MSD Ordinance limits can be exempted from TTO monitoring subject to the following certification:

☐ In lieu of monitoring for TTO at sample point(s) _____, I certify that to the best of my knowledge and belief, no toxic organics have been used at this premise or discharged into the wastewaters since filing of the last discharge monitoring report.

B. **Discharge Monitoring Report 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 designated 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.

Print or type name of signing official: Matt Kingsley

Title: General Manager Telephone: (314) 739-1919

Signature: Matt Kingsley Date: 1/18/2000

RECEIVED

JAN 19 2000

Environmental Compliance

Bridgeton Landfill, LLC
Monthly Leachate Lagoon Meter Reading
Outfall 005

Month	Date of Reading	Gallons	Average Daily Discharge (Gal)	Equivalent Cubic Feet	Equivalent 100 Cubic Feet	Charge Per 100 Cubic Feet	Amount Due
January	1/31/99	3,529,000	113,839	471,791.44	4,717.91	$1.05	$4,953.81
February	2/28/99	10,001,000	357,179	1,337,032.09	13,370.32	$1.05	$14,038.84
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April	4/30/99	0	0	0.00	0.00	$1.05	$0.00
May	5/30/99	0	0	0.00	0.00	$1.05	$0.00
June	*See Below	450,000	300,000	60,160.43	601.60	$1.05	$631.68
July**	7/31/99	10,890,000	351,290	1,455,882.35	14,558.82	$1.05	$15,286.76
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October	10/31/99	2,834,000	91,419	378,877.01	3,788.77	$1.05	$3,978.21
November	11/30/99	6,044,000	194,968	808,021.39	8,080.21	$1.05	$8,484.22
December	12/31/99	7,195,000	232,097	961,898.40	9,618.98	$1.05	$10,099.93

* After repairs were completed to the lagoon pump, we pumped for approximately one and a half days. The flow meter was mistakenly not reset as of July 1, 1999. As a result of this we are estimating the total flow in June as shown above. At the end of July, 1999 we will subtract 450,000 gallons from the total reading and report the total flow for July, 1999.

** The actual reading on July 31, 1999 was 11,340,000 gallons. As noted above this included approximately 450,000 gallons discharged in June, 1999. The 450,000 gallons was deducted from the July 31, 1999 meter reading to net 10,890,000 gallons reported above for July, 1999.

RECEIVED
JAN 19 2000
Environmental Compliance

Landfill Authority

13570 St. Charles Rock Rd.
Bridgeton, MO 63044
314/739-1919 • Fax 314/739-2588

FG 11/1/99 15 min

October 28, 1999

Mr. Fabian Grabski
Metropolitan St. Louis Sewer District
Department of Environmental Compliance
10 East Grand Avenue
St. Louis, MO 63147-2913

Re: Bridgeton Sanitary Landfill
MSD Discharge Permit No. 05115598-02
Third Quarter 1999

Dear Mr. Grabski:

Please find enclosed the third quarter 1999 leachate sample analysis obtained form sample point 005. The results of the leachate analysis are in compliance with permit number 05115598-02.

Also please find enclosed the year to date leachate volume reports through September 1999. If you have any further questions please contact me at (314) 739-1919, Ext. 112.

Very truly yours,

Rich Ferris

Rich Ferris
Operations Manager

RE[illegible]D
OCT 2 9 1999
Environmental Compliance

cc: Brad Bomanz, St. Louis County DOH
Doug Borro
Dick Cochran
Rod Bloese
Matt Kingsley

METROPOLITAN ST. LOUIS SEWER DISTRICT
INDUSTRIAL USER SELF MONITORING REPORT

PLEASE READ THE INSTRUCTIONS BEFORE COMPLETING THIS REPORT

Part I: Identifying Information

Company Name: Bridgeton Landfill, LLC

Permit No.: 05115598-02

Premise Address: 13570 St. Charles Rock Road, Bridgeton, MO 63044

Monitoring Period: ☐ (Jan-Mar) ☐ (Apr-Jun) ☒ (July-Sept) ☐ (Oct-Dec)

Samples Collected By: Kelly Reese

Analyses Performed By: Quanterra, Inc.

Part II: Analytical Results of Self Monitoring

MSD Sample Point Reference Numbers →		Outfall 005						
Dates on which samples were collected →		9/14-9/15/1999						
Times at which samples were collected →		0720,1305,1755,0712						
Parameter	**Limit**	**Record Sample Types (G, C, M, or E) and Results Below G=grab, C=composite, M=measured flow, E=estimated flow**						**Units**
Flow	***	E	461,000					gpd
Biochemical Oxygen Demand	****	C	55					mg/l
Chemical Oxygen Demand	****	C	630					mg/l
Oil and Grease (Total)	200	G	<5.1					mg/l
pH Acidic (<7)	5.5	G						s.u.
pH Basic (≥7)	11.5	G	7.9					s.u.
Temperature	60	G	21.2					°C
Ammonia (as N)	*****	C	170					mg/l
Total Suspended Solids	****	C	150					mg/l
Arsenic (Total)	0.4	C	<0.30					mg/l
Cadmium (Total)	0.7	C	<0.0050					mg/l
Chromium (Total)	5.0	C	0.025					mg/l
Copper (Total)	2.7	C	<0.025					mg/l
Lead (Total)	0.4	C	<0.0030					mg/l
Mercury (Total)	0.01	C	<0.00020					mg/l
Nickel (Total)	2.3	C	0.042					mg/l
Zinc (Total)	3.0	C	<0.050					mg/l
Total Toxic Organics	5.52	G						mg/l

You must complete and sign the certification statements on the next page.

RECEIVED
OCT 29 1999
Environmental Compliance

Part III: Special Certification Statements

Based on the special conditions contained in your discharge permit you may be required to certify one of more of the following. Please review your permit and **place your initials in the boxes next to those certifications which are applicable to your facility**. If your permit contains no Special Conditions, then none of the certifications in **Part III** apply to you. **Go on to Part IV.**

A. If your permit special conditions waive monitoring at any sample point(s) specified in your permit, you are required to make the following certification:

☐ I certify, since the last discharge monitoring report, there has been no change in the character of the wastes discharged at sampling point(s)_____.

B. If your permit special conditions waive monitoring at active connection points which are not specified as sample points in your permit, you are required to make the following certification:

☐ I certify, since the last discharge monitoring report, there has been no change in the character of wastes discharged at those active connection points which are not specified in my permit.

C. If your permit special conditions waive monitoring at inactive connection points, you are required to make the following certification:

☐ I certify, since the permit issue date, there has been no change in the status of connection points identified as inactive. These points remain inactive and no discharge occurred during the period covered by this report.

D. If your permit special conditions authorize grab sample collection in lieu of composite sampling at any sample point(s), you are required to make the following certification:

☐ I certify the grab sample results in this report accurately represent our average daily discharge at sample points(s) _____.

E. If your permit special conditions prohibit discharge of wastes which are subject to certain categorical pretreatment standards, you are required to make the following certification:

☐ I certify, since the last discharge monitoring report, there has been no discharge of wastes which are subject to pretreatment standards in 40 CFR _____.

F. Discharges subject to Pharmaceutical Categorical Standards (40 CFR 439) can be exempted from limitations and monitoring for Total Cyanide at the Pharmaceutical sample point(s) subjected to the following certification:

☐ I certify, since the last discharge monitoring report, cyanide has not been used or generated in any pharmaceutical manufacturing process subject to Categorical Standards in 40 CFR 439.

G. Discharges Subject to Categorical Standards for Electroplating (40 CFR 413), Metal Finishing (40 CFR 433) or Electrical & Electronic Components (40 CFR 469) can be exempted from TTO monitoring only at the Electroplating, Metal Finishing or Electrical & Electronic Components sample point(s) subject to the following certification:

☐ Based on my inquiry of the person or persons directly responsible for managing compliance with the permit limitation for total toxic organics (TTO), I certify that, to the best of my knowledge and belief, no dumping of concentrated toxic organics into the wastewaters has occurred since filing the last discharge monitoring report. I further certify that this facility is implementing the toxic organic management plan submitted to MSD.

Part IV: Special Certification Statements

Initial the box for statement A if it applies to you. **Everyone must complete the information under statement B and sign this report.**

A. Discharges at sample points subject only to MSD Ordinance limits can be exempted from TTO monitoring subject to the following certification:

☐ In lieu of monitoring for TTO at sample point(s) _____, I certify that to the best of my knowledge and belief, no toxic organics have been used at this premise or discharged into the wastewaters since filing of the last discharge monitoring report.

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B. **Discharge Monitoring Report 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 designated 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.

Print or type name of signing official: ~~Matt Kingsley~~ – Matt Kingsley

Title: Division Manager Telephone: (314) 739-1919

Signature: Matt Kingsley Date: 10/27/99

Bridgeton Landfill, LLC
Monthly Leachate Lagoon Meter Reading
Outfall 005

Month	Date of Reading	Gallons	Average Daily Discharge (Gal)	Equivalent Cubic Feet	Equivalent 100 Cubic Feet	Charge Per 100 Cubic Feet	Amount Due
January	1/31/99	3,529,000	113,839	471,791.44	4,717.91	$1.05	$4,953.81
February	2/28/99	10,001,000	357,179	1,337,032.09	13,370.32	$1.05	$14,038.84
March	3/31/99	8,214,000	264,968	1,098,128.34	10,981.28	$1.05	$11,530.35
April	4/30/99	0	0	0.00	0.00	$1.05	$0.00
May	5/30/99	0	0	0.00	0.00	$1.05	$0.00
June	*See Below	450,000	300,000	60,160.43	601.60	$1.05	$631.68
July**	7/31/99	10,890,000	351,290	1,455,882.35	14,558.82	$1.05	$15,286.76
August	8/31/99	13,386,000	431,806	1,789,572.19	17,895.72	$1.05	$18,790.51
September	9/30/99	8,066,000	260,194	1,078,342.25	10,783.42	$1.05	$11,322.59
October		0	0	0.00	0.00	$1.05	$0.00
November		0	0	0.00	0.00	$1.05	$0.00
December		0	0	0.00	0.00	$1.05	$0.00

* After repairs were completed to the lagoon pump, we pumped for approximately one and a half days. The flow meter was mistakenly not reset as of July 1, 1999. As a result of this we are estimating the total flow in June as shown above. At the end of July, 1999 we will subtract 450,000 gallons from the total reading and report the total flow for July, 1999.

** The actual reading on July 31, 1999 was 11,340,000 gallons. As noted above this included approximately 450,000 gallons discharged in June, 1999. The 450,000 gallons was deducted from the July 31, 1999 meter reading to net 10,890,000 gallons reported above for July, 1999.

RE[illegible]ED
OCT 2 9 1999
Environmental Compliance

Landfill Authority

13570 St. Charles Rock Rd.
Bridgeton, MO 63044
314/739-1919 • Fax 314/739-2588

July 21, 1999

Mr. Fabian Grabski
Metropolitan St. Louis Sewer District
Department of Environmental Compliance
10 East Grand Avenue
St. Louis, MO 63147-2913

Re: Bridgeton Sanitary Landfill
MSD Discharge Permit No. 05115598-02
Second Quarter 1999

Dear Mr. Grabski:

Please find enclosed the second quarter 1999 leachate sample analysis obtained from sample point 005. The results of the leachate analysis are in compliance with permit number 05115598-02.

Also please find enclosed the year to date leachate volume reports through June 1999. If you have any further questions please contact me at (314) 739-1919, Ext. 112.

Very truly yours,

Rich Ferris

Rich Ferris
Operations Manager

cc: Brad Bomanz, St. Louis County DOH
Doug Borro
Dick Cochran
Rod Bloese
Matt Kingsley

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METROPOLITAN ST. LOUIS SEWER DISTRICT
INDUSTRIAL USER SELF MONITORING REPORT

PLEASE READ THE INSTRUCTIONS BEFORE COMPLETING THIS REPORT

Part I: Identifying Information

Company Name: Bridgeton Landfill, LLC

Permit No.: 05115598-02

Premise Address: 13570 St. Charles Rock Road, Bridgeton, MO 63044

Monitoring Period: ☐ (Jan-Mar) ☒ (Apr-Jun) ☐ (July-Sept) ☐ (Oct-Dec)

Samples Collected By: Jonathan Wilkinson

Analyses Performed By: Quanterra, Inc.

Part II: Analytical Results of Self Monitoring

MSD Sample Point Reference Numbers →		Outfall 005						
Dates on which samples were collected →		6/09-10/99						
Times at which samples were collected →		1519,0711,1106,1525						
Parameter	**Limit**	**Record Sample Types (G, C, M, or E) and Results Below G=grab, C=composite, M=measured flow, E=estimated flow**						**Units**
Flow	***	E	504,000					gpd
Biochemical Oxygen Demand	****	C	55					mg/l
Chemical Oxygen Demand	****	C	600					mg/l
Oil and Grease (Total)	200	G	<5.2					mg/l
pH Acidic (<7)	5.5	G						s.u.
pH Basic (≥7)	11.5	G	7.8					s.u.
Temperature	60	G	29.9					°C
Ammonia (as N)	*****	C	190					mg/l
Total Suspended Solids	****	C	120					mg/l
Arsenic (Total)	0.4	C	<0.3					mg/l
Cadmium (Total)	0.7	C	<0.0050					mg/l
Chromium (Total)	5.0	C	0.021					mg/l
Copper (Total)	2.7	C	0.14					mg/l
Lead (Total)	0.4	C	0.020					mg/l
Mercury (Total)	0.01	C	<0.00020					mg/l
Nickel (Total)	2.3	C	<0.040					mg/l
Zinc (Total)	3.0	C	0.2					mg/l
Total Toxic Organics	5.52	G	Not detected					mg/l

You must complete and sign the certification statements on the next page.

TTO = <0.01 mg/l
SEE ATT. DATA.
FG
7/26/99

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Part III: Special Certification Statements

Based on the special conditions contained in your discharge permit you may be required to certify one of more of the following. Please review your permit and **place your initials in the boxes next to those certifications which are applicable to your facility.** If your permit contains no Special Conditions, then none of the certifications in **Part III** apply to you. **Go on to Part IV.**

A. If your permit special conditions waive monitoring at any sample point(s) specified in your permit, you are required to make the following certification:

☐ I certify, since the last discharge monitoring report, there has been no change in the character of the wastes discharged at sampling point(s)_____.

B. If your permit special conditions waive monitoring at active connection points which are not specified as sample points in your permit, you are required to make the following certification:

☐ I certify, since the last discharge monitoring report, there has been no change in the character of wastes discharged at those active connection points which are not specified in my permit.

C. If your permit special conditions waive monitoring at inactive connection points, you are required to make the following certification:

☐ I certify, since the permit issue date, there has been no change in the status of connection points identified as inactive. These points remain inactive and no discharge occurred during the period covered by this report.

D. If your permit special conditions authorize grab sample collection in lieu of composite sampling at any sample point(s), you are required to make the following certification:

☐ I certify the grab sample results in this report accurately represent our average daily discharge at sample points(s) _____.

E. If your permit special conditions prohibit discharge of wastes which are subject to certain categorical pretreatment standards, you are required to make the following certification:

☐ I certify, since the last discharge monitoring report, there has been no discharge of wastes which are subject to pretreatment standards in 40 CFR _____.

F. Discharges subject to Pharmaceutical Categorical Standards (40 CFR 439) can be exempted from limitations and monitoring for Total Cyanide at the Pharmaceutical sample point(s) subjected to the following certification:

☐ I certify, since the last discharge monitoring report, cyanide has not been used or generated in any pharmaceutical manufacturing process subject to Categorical Standards in 40 CFR 439.

G. Discharges Subject to Categorical Standards for Electroplating (40 CFR 413), Metal Finishing (40 CFR 433) or Electrical & Electronic Components (40 CFR 469) can be exempted from TTO monitoring only at the Electroplating, Metal Finishing or Electrical & Electronic Components sample point(s) subject to the following certification:

☐ Based on my inquiry of the person or persons directly responsible for managing compliance with the permit limitation for total toxic organics (TTO), I certify that, to the best of my knowledge and belief, no dumping of concentrated toxic organics into the wastewaters has occurred since filing the last discharge monitoring report. I further certify that this facility is implementing the toxic organic management plan submitted to MSD.

Part IV: Special Certification Statements

Initial the box for statement A if it applies to you. **Everyone must complete the information under statement B and sign this report.**

A. Discharges at sample points subject only to MSD Ordinance limits can be exempted from TTO monitoring subject to the following certification:

☐ In lieu of monitoring for TTO at sample point(s) _____, I certify that to the best of my knowledge and belief, no toxic organics have been used at this premise or discharged into the wastewaters since filing of the last discharge monitoring report.

B. **Discharge Monitoring Report 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 designated 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.

Print or type name of signing official: Matt Kingsley

Title: Division Manager Telephone: (314) 739-1919

Signature: Matt Kingsley Date: 7/19/99

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JUL 22 1999
Environmental Compliance

Bridgeton Landfill, LLC
Monthly Leachate Lagoon Meter Reading
Outfall 005

Month	Date of Reading	Gallons	Average Daily Discharge (Gal)	Equivalent Cubic Feet	Equivalent 100 Cubic Feet	Charge Per 100 Cubic Feet	Amount Due
January	1/31/99	3,529,000	113,839	471,791.44	4,717.91	$0.00	$0.00
February	2/28/99	10,001,000	357,179	1,337,032.09	13,370.32	$0.00	$0.00
March	3/31/99	8,214,000	264,968	1,098,128.34	10,981.28	$0.00	$0.00
April	4/30/99	0	0	0.00	0.00	$0.00	$0.00
May	5/30/99	0	0	0.00	0.00	$0.00	$0.00
June	*See Below	450,000	300,000	60,160.43	601.60	$0.00	$0.00
July		0	0	0.00	0.00	$0.00	$0.00
August		0	0	0.00	0.00	$0.00	$0.00
September		0	0	0.00	0.00	$0.00	$0.00
October		0	0	0.00	0.00	$0.00	$0.00
November		0	0	0.00	0.00	$0.00	$0.00
December		0	0	0.00	0.00	$0.00	$0.00

* After repairs were completed to the lagoon pump, we pumped for approximately one and a half days. The flow meter was mistakenly not reset as of July 1, 1999. As a result of this we are estimating the total flow in June as shown above. At the end of July, 1999 we will subtract 450,000 gallons from the total reading and report the total flow for July, 1999.

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JUL 22 1999
Environmental Compliance

TTO 005 =<0.01 mg/l FG 7/26/99

BRIDGETON LANDFILL AUTHORITY

Client Sample ID: OUTFALL 005

GC/MS Volatiles

Lot-Sample #...: A9F110209-001 **Work Order #...:** CWRF610D **Matrix.....:** WATER
Date Sampled...: 06/10/99 15:25 **Date Received..:** 06/11/99
Prep Date.....: 06/17/99 **Analysis Date..:** 06/17/99
Prep Batch #...: 9168172
Dilution Factor: 1 **Method.....:** CFR136A 624

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acrolein	ND	100	ug/L
Acrylonitrile	ND	100	ug/L
Benzene SP	~~ND~~ ≤.01	5.0	ug/L
Dichlorobromomethane	~~ND~~	5.0	ug/L
Bromoform	ND	5.0	ug/L
Bromomethane	ND	10	ug/L
Carbon tetrachloride	ND	5.0	ug/L
Chlorobenzene SP	~~ND~~ ≤.01	5.0	ug/L
Chlorodibromomethane	ND	5.0	ug/L
Chloroethane SP	~~ND~~ ≤.01	10	ug/L
Chloroform	ND	5.0	ug/L
Chloromethane	ND	10	ug/L
1,1-Dichloroethane	ND	5.0	ug/L
1,2-Dichloroethane	ND	5.0	ug/L
1,1-Dichloroethene SP	~~ND~~ ≤.01	5.0	ug/L
1,2-Dichloroethene SP (total)	~~ND~~ ≤.01	5.0	ug/L
1,2-Dichloropropane	ND	5.0	ug/L
cis-1,3-Dichloropropene	ND	5.0	ug/L
trans-1,3-Dichloropropene	ND	5.0	ug/L
Ethylbenzene SP	~~ND~~ ≤.01	5.0	ug/L
Methylene chloride SP	~~ND~~ ≤.01	10	ug/L
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L
Tetrachloroethene	ND	5.0	ug/L
Toluene SP	~~ND~~ ≤.01	5.0	ug/L
1,1,1-Trichloroethane	ND	5.0	ug/L
1,1,2-Trichloroethane	ND	5.0	ug/L
Trichloroethene SP	~~ND~~ ≤.01	5.0	ug/L
Vinyl chloride SP	~~ND~~ ≤.01	10	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	104	(76 - 114)
Toluene-d8	95	(88 - 110)
Bromofluorobenzene	107	(86 - 115)

BRIDGETON LANDFILL AUTHORITY

Client Sample ID: OUTFALL 005

GC/MS Semivolatiles

Lot-Sample #...: A9F110209-001 **Work Order #...:** CWRF6105 **Matrix.....:** WATER
Date Sampled...: 06/10/99 15:25 **Date Received..:** 06/11/99
Prep Date.....: 06/14/99 **Analysis Date..:** 06/18/99
Prep Batch #...: 9165119
Dilution Factor: 1 **Method.....:** CFR136A 625

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acenaphthene	ND	10	ug/L
Acenaphthylene	ND	10	ug/L
Anthracene	ND	10	ug/L
Benzidine	ND	100	ug/L
Benzo(a)anthracene	ND	10	ug/L
Benzo(b)fluoranthene	ND	10	ug/L
Benzo(k)fluoranthene	ND	10	ug/L
Benzo(ghi)perylene	ND	10	ug/L
Benzo(a)pyrene	ND	10	ug/L
bis(2-Chloroethoxy) methane	ND	10	ug/L
bis(2-Chloroethyl)-ether	ND	10	ug/L
bis(2-Chloroisopropyl) ether	ND	10	ug/L
bis(2-Ethylhexyl) phthalate	ND	10	ug/L
4-Bromophenyl phenyl ether	ND	10	ug/L
Butyl benzyl phthalate	ND	10	ug/L
p-Chloro-m-cresol	ND	10	ug/L
2-Chloronaphthalene	ND	10	ug/L
2-Chlorophenol	ND	10	ug/L
4-Chlorophenyl phenyl ether	ND	10	ug/L
Chrysene	ND	10	ug/L
Dibenz(a,h)anthracene	ND	10	ug/L
Di-n-butyl phthalate	ND	10	ug/L
1,2-Dichlorobenzene	ND	10	ug/L
1,3-Dichlorobenzene	ND	10	ug/L
1,4-Dichlorobenzene	ND	10	ug/L
3,3'-Dichlorobenzidine	ND	10	ug/L
2,4-Dichlorophenol	ND	10	ug/L
Diethyl phthalate	ND	10	ug/L
2,4-Dimethylphenol	ND	10	ug/L
Dimethyl phthalate	ND	10	ug/L
Di-n-octyl phthalate	ND	10	ug/L
4,6-Dinitro-o-cresol	ND	50	ug/L
2,4-Dinitrophenol	ND	50	ug/L

(Continued on next page)

BRIDGETON LANDFILL AUTHORITY

Client Sample ID: OUTFALL 005

GC/MS Semivolatiles

Lot-Sample #...: A9F110209-001 Work Order #...: CWRF6105 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
2,4-Dinitrotoluene	ND	10	ug/L
2,6-Dinitrotoluene	ND	10	ug/L
1,2-Diphenylhydrazine	ND	10	ug/L
Fluoranthene	ND	10	ug/L
Fluorene	ND	10	ug/L
Hexachlorobenzene	ND	10	ug/L
Hexachlorobutadiene	ND	10	ug/L
Hexachlorocyclopentadiene	ND	10	ug/L
Hexachloroethane	ND	10	ug/L
Indeno(1,2,3-cd)pyrene	ND	10	ug/L
Isophorone	ND	10	ug/L
Naphthalene	ND	10	ug/L
Nitrobenzene	ND	10	ug/L
2-Nitrophenol	ND	10	ug/L
4-Nitrophenol	ND	50	ug/L
N-Nitrosodimethylamine	ND	10	ug/L
N-Nitrosodi-n-propylamine	ND	10	ug/L
N-Nitrosodiphenylamine	ND	10	ug/L
Pentachlorophenol	ND	50	ug/L
Phenanthrene	ND	10	ug/L
Phenol (SP)	~~ND~~ ≤.01	10	ug/L
Pyrene	ND	10	ug/L
1,2,4-Trichlorobenzene	ND	10	ug/L
2,4,6-Trichlorophenol	ND	10	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	34	(17 - 106)
Phenol-d5	61	(15 - 126)
2,4,6-Tribromophenol	84	(13 - 145)
Nitrobenzene-d5	72	(36 - 148)
2-Fluorobiphenyl	79	(38 - 106)
Terphenyl-d14	25	(10 - 169)

BRIDGETON
Landfill Authority

13570 St. Charles Rock Rd.
Bridgeton, MO 63044
314/739-1919 • Fax 314/739-2588

April 2, 1999

Mr. Fabian Grabski
Metropolitan St. Louis Sewer District
Department of Environmental Compliance
10 East Grand Avenue
St. Louis, MO 63147-2913

Re: Bridgeton Sanitary Landfill
MSD Discharge Permit No. 05115598-02
First Quarter 1999

Dear Mr. Grabski:

Please find enclosed the first quarter 1999 leachate sample analysis obtained from sample point 005. The results of the leachate analysis are in compliance with permit number 05115598-02.

Also please find enclosed the year to date leachate volume reports through March 1999. If you have any further questions please contact me at (314) 739-1919 extension 101.

Very truly yours,

Matt Kingsley

Matt Kingsley, P.E.
Site Manager

cc: Brad Bomanz, St, Louis County DOH
Doug Borro
Dick Cochran
Rod Bloese

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Environmental Compliance

METROPOLITAN ST. LOUIS SEWER DISTRICT
INDUSTRIAL USER SELF MONITORING REPORT

PLEASE READ THE INSTRUCTIONS BEFORE COMPLETING THIS REPORT

PART I: IDENTIFYING INFORMATION

Company Name: Bridgeton Landfill, LLC.

Permit No: Ø5115598-Ø2

Premise Address: 13570 St. Charles Rock Road, Bridgeton, Mo. 63044

Monitoring Period: ☒(JAN-MAR) ☐(APR-JUNE) ☐(JULY-SEPT) ☐(OCT-DEC)

Samples Collected By: Herst + Associates, Inc. - Ward Herst

Analyses Performed By: QuanterrA, Inc.

PART II: ANALYTICAL RESULTS OF SELF MONITORING

MSD SAMPLE POINT REFERENCE NUMBERS ——>		ØØ5							
DATES ON WHICH SAMPLES WERE COLLECTED ——>		2/24-2/25/99							
TIMES AT WHICH SAMPLES WERE COLLECTED ——>		1010, 1354, 1712, 1020							
PARAMETER	LIMIT	RECORD SAMPLE TYPES (G, C, M OR E) AND RESULTS BELOW G=grab, C=composite, M=measured flow, E=estimated flow							UNITS
FLOW	~	E	46ØØØØ						GPD
Biochemical Oxygen Demand	~	C	13Ø						mg/L
Chemical Oxygen Demand	~	C	57Ø						mg/L
Oil and Grease (total)	2ØØ	G	12						mg/L
pH Acidic	5.5	G	~						S.U.
pH basic	11.5	G	7.5						S.U.
Temperature	6Ø	G	1Ø.1						°C
Ammonia (as N)	~	C	15Ø						mg/L
Total Suspended Solids	~	C	52						mg/L
Cadmium (total)	Ø.7	C	<Ø.ØØ5Ø						mg/L
Chromium (total)	5.Ø	C	Ø.Ø22						mg/L
Copper (total)	2.7	C	<Ø.Ø25						mg/L
Lead (total)	Ø.4	C	<Ø.ØØ3Ø						mg/L
Nickel (total)	2.3	C	<Ø.Ø4Ø						mg/L
Zinc (total)	3.Ø	C	Ø.Ø71						mg/L

You must complete and sign the certification statements on the reverse side.

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APR 06 1999
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PART III: SPECIAL CERTIFICATION STATEMENTS

Based on the special conditions contained in your discharge permit you may be required to certify one or more of the following. Please review your permit and **PLACE YOUR INITIALS IN THE BOXES NEXT TO THOSE CERTIFICATIONS WHICH ARE APPLICABLE TO YOUR FACILITY**. If your permit contains no Special Conditions, then none of the certifications in PART III apply to you. **GO ON TO PART IV.**

A. If your permit special conditions waive monitoring at any sample point(s) specified in your permit, you are required to make the following certification:

☐ I certify, since the last discharge monitoring report, there has been no change in the character of the wastes discharged at sampling point(s) _____ .

B. If your permit special conditions waive monitoring at active connection points which are not specified as sample points in your permit, you are required to make the following certification:

☐ I certify, since the last discharge monitoring report, there has been no change in the character of wastes discharged at those active connection points which are not specified in my permit .

C. If your permit special conditions waive monitoring at inactive connection points, you are required to make the following certification:

☐ I certify, since the permit issue date, there has been no change in the status of connection points identified as inactive. These points remain inactive and no discharge occurred during the period covered by this report.

D. If your permit special conditions authorize grab sample collection in lieu of composite sampling at any sample point(s), you are required to make the following certification:

☐ I certify the grab sample results in this report accurately represent our average daily discharge at sample point(s) _____ _____.

E. If your permit special conditions prohibit discharge of wastes which are subject to certain categorical pretreatment standards, you are required to make the following certification :

☐ I certify, since the last discharge monitoring report, there has been no discharge of wastes which are subject to pretreatment standards in 40 CFR _____.

F. Discharges subject to Pharmaceutical Categorical Standards (40 CFR 439) can be exempted from limitations and monitoring for Total Cyanide at the Pharmaceutical sample point(s) subject to the following certification:

☐ I certify, since the last discharge monitoring report, cyanide has not been used or generated in any pharmaceutical manufacturing process subject to Categorical Standards in 40 CFR 439.

G. Discharges Subject to Categorical Standards for Electroplating (40 CFR 413), Metal Finishing (40 CFR 433) or Electrical & Electronic Components (40 CFR 469) can be exempted from TTO monitoring only at the Electroplating, Metal Finishing or Electrical & Electronic Components sample point(s) subject to the following certification:

☐ Based on my inquiry of the person or persons directly responsible for managing compliance with the permit limitation for total toxic organics (TTO), I certify that, to the best of my knowledge and belief, no dumping of concentrated toxic organics into the wastewaters has occurred since filing the last discharge monitoring report. I further certify that this facility is implementing the toxic organic management plan submitted to MSD.

PART IV: GENERAL CERTIFICATION STATEMENTS

Initial the box for statement A if it applies to you. **Everyone must complete the information under statement B and sign this report.**

A. Discharges at sample points subject only to MSD Ordinance limits can be exempted from TTO monitoring subject to the following certification:

☐ In lieu of monitoring for TTO at sample point(s) _____ , I certify that to the best of my knowledge and belief, no toxic organics have been used at this premise or discharged into the wastewaters since filing of the last discharge monitoring report.

B. **DISCHARGE MONITORING REPORT 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.

Print or type name of signing official: Matt Kingsley

Title: Site Manager Telephone: (314) 739-1919

Signature: Matt Kingsley Date: 4/2/99

SMF 1053

RECEIVED
APR 06 1999
Environmental Compliance

Bridgeton Landfill, LLC
Monthly Leachate Lagoon Meter Reading
Outfall 005

Month	Date of Reading	Gallons	Average Daily Discharge (Gal)	Equivalent Cubic Feet	Equivalent 100 Cubic Feet	Charge Per 100 Cubic Feet	Amount Due
January	1/31/99	3,529,000	113,839	471,791.44	4,717.91		
February	2/28/99	10,001,000	357,179	1,337,032.09	13,370.32		
March	3/31/99	8,214,000	264,968	1,098,128.34	10,981.28		
April		0	0	0.00	0.00	$1.05	$0.00
May		0	0	0.00	0.00	$1.05	$0.00
June		0	0	0.00	0.00	$1.05	$0.00
July		0	0	0.00	0.00	$1.05	$0.00
August		0	0	0.00	0.00	$1.05	$0.00
September		0	0	0.00	0.00	$1.05	$0.00
October		0	0	0.00	0.00	$1.05	$0.00
November		0	0	0.00	0.00	$1.05	$0.00
December		0	0	0.00	0.00	$1.05	$0.00

RECEIVED
APR 0 6 1999
Environmental Compliance

BRIDGETON
Landfill Authority

13570 St. Charles Rock Rd.
Bridgeton, MO 63044
314/739-1919 • Fax 314/739-2588

January 19, 1999

Mr. Fabian Grabski
Metropolitan St. Louis Sewer District
Department of Environmental Compliance
10 East Grand Avenue
St. Louis, MO 63147-2913

Re: Bridgeton Sanitary Landfill
MSD Discharge Permit No. 05115598-02

Dear Mr. Grabski:

Please find enclosed the fourth quarter 1998 leachate sample analysis obtained from sample point 005. The results of the leachate analysis are in compliance with permit number 05115598-02.

Also please find enclosed the year to date leachate volume reports through December 1998. If you have any further questions please contact me at (314) 739-1919 extension 101.

Very truly yours,

Matt Kingsley

Matt Kingsley, P.E.
Site Manager

cc: Brad Bomanz, St, Louis County DOH
Dick Cochran
Rod Bloese

RECEIVED
JAN 22 1999
Environmental Compliance

Herst & Associates, Inc.

Mr. Matt Kingsley
Bridgeton Landfill, LLC
13570 St. Charles Rock Road
Bridgeton, Missouri 63044

January 12, 1999

Dear Mr. Kingsley:

Bridgeton Landfill, LLC.
December 1998 Leachate Sampling and Analysis

On December 3 and 4, 1998 Herst and Associates, Inc. collected a sample of the leachate discharge as required by the Bridgeton Landfill MSD permit. The MSD samples were collected from the discharge line emptying into leachate manhole 005. The samples were analyzed by the Quanterra, Inc. laboratory in North Canton, Ohio.

On November 11, 1998 Herst and Associates, Inc. collected samples of the leachate pond and leachate pond sludge. The leachate pond and sludge samples were collected from the leachate pond just south of Old St. Charles Rock Road. The pond and sludge samples were analyzed by the Quanterra, Inc. laboratory in North Canton, Ohio.

The results indicate that all of the analyzed parameters for manhole 005, leachate pond, and leachate pond sludge are in compliance with your discharge permit. Attached to this letter are the MSD Self Monitoring Form for manhole 005, and the analytical results.

Please review and sign these reports prior to submittal to the MSD. If you have any questions regarding the information provided in this letter, please contact me.

Sincerely,

HERST AND ASSOCIATES, INC.

John D Regan
Geological Engineer

Ward Herst, CPHG, CEM
Director

RECEIVED
JAN 22 1999
Environmental Compliance

Enclosures
JDR/WH/jdr

5988 Mid Rivers Mall Drive, Suite 213
St. Charles, Missouri 63304, USA

Telephone (314) 939-9111
Fax (314) 939-9757

METROPOLITAN ST. LOUIS SEWER DISTRICT
INDUSTRIAL USER SELF MONITORING REPORT

PLEASE READ THE INSTRUCTIONS BEFORE COMPLETING THIS REPORT

PART I: IDENTIFYING INFORMATION

Company Name: Bridgeton Landfill, LLC.

Permit No: Ø511 5598-Ø2

Premise Address: 13570 St. Charles Rock Road, Bridgeton, Mo. 63044

Monitoring Period: ☐(JAN-MAR) ☐(APR-JUNE) ☐(JULY-SEPT) ☒(OCT-DEC)

Samples Collected By: Herst & Associates, Inc. - John D Regan

Analyses Performed By: Quanterra, Inc.

PART II: ANALYTICAL RESULTS OF SELF MONITORING

MSD SAMPLE POINT REFERENCE NUMBERS ——>		ØØ5						
DATES ON WHICH SAMPLES WERE COLLECTED ——>		12/3-12/4/98						
TIMES AT WHICH SAMPLES WERE COLLECTED ——>		1000, 1400, 1730, 1000						
PARAMETER	LIMIT	RECORD SAMPLE TYPES (G, C, M OR E) AND RESULTS BELOW G=grab, C=composite, M=measured flow, E=estimated flow						UNITS
FLOW	~	E	432000					GPD
Biochemical Oxygen Demand	~	C	89					mg/L
Chemical Oxygen Demand	~	C	590					mg/L
Oil and Grease (total)	200	G	<5.0					mg/L
pH Acidic	5.5	G	~					S.U.
pH basic	11.5	G	7.6					S.U.
Temperature	60	G	18.6					°C
Ammonia (as N)	~	C	210					mg/L
Total Suspended Solids	~	C	49					mg/L
Cadmium (total)	0.7	C	<0.0050					mg/L
Chromium (total)	5.0	C	0.021					mg/L
Copper (total)	2.7	C	<0.025					mg/L
Lead (total)	0.4	C	<0.0030					mg/L
Nickel (total)	2.3	C	<0.040					mg/L
Zinc (total)	3.0	C	0.075					mg/L

You must complete and sign the certification statements on the reverse side.

1 M24 = 190,000 GPD
SEE DATA ATTACHED.
FG
1/25/99

RECEIVED
JAN 22 1999
Environmental Compliance

MSD 022344

PART III: SPECIAL CERTIFICATION STATEMENTS

Based on the special conditions contained in your discharge permit you may be required to certify one or more of the following. Please review your permit and **PLACE YOUR INITIALS IN THE BOXES NEXT TO THOSE CERTIFICATIONS WHICH ARE APPLICABLE TO YOUR FACILITY.** If your permit contains no Special Conditions, then none of the certifications in PART III apply to you. **GO ON TO PART IV.**

A. If your permit special conditions waive monitoring at any sample point(s) specified in your permit, you are required to make the following certification:

☐ I certify, since the last discharge monitoring report, there has been no change in the character of the wastes discharged at sampling point(s) _____ .

B. If your permit special conditions waive monitoring at active connection points which are not specified as sample points in your permit, you are required to make the following certification:

☐ I certify, since the last discharge monitoring report, there has been no change in the character of wastes discharged at those active connection points which are not specified in my permit .

C. If your permit special conditions waive monitoring at inactive connection points, you are required to make the following certification:

☐ I certify, since the permit issue date, there has been no change in the status of connection points identified as inactive. These points remain inactive and no discharge occurred during the period covered by this report.

D. If your permit special conditions authorize grab sample collection in lieu of composite sampling at any sample point(s), you are required to make the following certification:

☐ I certify the grab sample results in this report accurately represent our average daily discharge at sample point(s) _____ _____.

E. If your permit special conditions prohibit discharge of wastes which are subject to certain categorical pretreatment standards, you are required to make the following certification :

☐ I certify, since the last discharge monitoring report, there has been no discharge of wastes which are subject to pretreatment standards in 40 CFR _____.

F. Discharges subject to Pharmaceutical Categorical Standards (40 CFR 439) can be exempted from limitations and monitoring for Total Cyanide at the Pharmaceutical sample point(s) subject to the following certification:

☐ I certify, since the last discharge monitoring report, cyanide has not been used or generated in any pharmaceutical manufacturing process subject to Categorical Standards in 40 CFR 439.

G. Discharges Subject to Categorical Standards for Electroplating (40 CFR 413), Metal Finishing (40 CFR 433) or Electrical & Electronic Components (40 CFR 469) can be exempted from TTO monitoring only at the Electroplating, Metal Finishing or Electrical & Electronic Components sample point(s) subject to the following certification:

☐ Based on my inquiry of the person or persons directly responsible for managing compliance with the permit limitation for total toxic organics (TTO), I certify that, to the best of my knowledge and belief, no dumping of concentrated toxic organics into the wastewaters has occurred since filing the last discharge monitoring report. I further certify that this facility is implementing the toxic organic management plan submitted to MSD.

PART IV: GENERAL CERTIFICATION STATEMENTS

Initial the box for statement A if it applies to you. **Everyone must complete the information under statement B and sign this report.**

A. Discharges at sample points subject only to MSD Ordinance limits can be exempted from TTO monitoring subject to the following certification:

☐ In lieu of monitoring for TTO at sample point(s) _____ , I certify that to the best of my knowledge and belief, no toxic organics have been used at this premise or discharged into the wastewaters since filing of the last discharge monitoring report.

B. **DISCHARGE MONITORING REPORT 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.

Print or type name of signing official: Matt Kingsley

Title: Site Manager Telephone: (314) 739-1919

Signature: Matt Kingsley Date: 1/19/99

SMF 1093

RECEIVED
JAN 22 1999
Environmental Compliance

Bridgeton Landfill, LLC
Monthly Leachate Lagoon Meter Reading
Outfall 005

Month	Date of Reading	Gallons	Average Daily Discharge (Gal)	Equivalent Cubic Feet	Equivalent 100 Cubic Feet	Charge Per 100 Cubic Feet	Amount Due
January	1/31/98	6,697,000	216,032	895,320.86	8,953.21		
February	2/28/98	7,245,000	258,750	968,582.89	9,685.83		
March	3/31/98	6,086,000	196,323	813,636.36	8,136.36		
April	4/30/98	8,466,000	282,200	1,131,818.18	11,318.18		
May	5/31/98	8,995,000	290,161	1,202,540.11	12,025.40		
June	6/30/98	9,620,000	310,323	1,286,096.26	12,860.96		
July	7/31/98	9,278,000	299,290	1,240,374.33	12,403.74		
August	8/31/98	10,682,000	344,581	1,428,074.87	14,280.75		
September	9/30/98	5,559,000	179,323	743,181.82	7,431.82		
October	10/30/98	6,513,000	210,097	870,721.93	8,707.22		
November	11/30/98	2762000	89,097	369,251.34	3,692.51		
December	12/31/98	5,890,000	190,000	787,433.16	7,874.33		

SAMPLE FROM 12/4/98.
∴ USE 190K/DAY FLOW (M24)
FG
1/25/99

RECEIVED
JAN 22 1999
Environmental Compliance

BRIDGETON
Landfill Authority

December 31, 1998

Mr. Bob Zeman
Manager of Environmental Compliance
Metropolitan St. Louis Sewer District
10 East Grand Avenue
St. Louis, MO 63147-2913

Reference: Industrial Wastewater
Discharge Permit No.: 51155980-02
For premise at: 13570 St. Charles Rock Road

Dear Mr. Zeman:

In reply to your letter of December 8, 1998, enclosed are copies of our cancelled checks. These checks are proof of our payment for the annual Pretreatment Program Permit fee.

Check 666178 for $14,002.73 was issued for payment of invoice INPDP-1411 for $433.91 and account 511559802 for $13,568.82. Check 671275 was issued for payment of invoice INSPT-1129 for $100.00 and account 9005844302. In the future I will make sure that payment for permit fees are issued separate from other MSD accounts.

Please let me know if you need any additional information. I would like to know the outcome from this information. Please call me at (314) 739-1919.

Sincerely,

Joyce K. Garland

Joyce K. Garland
Staff Accountant

Enclosures: 2

REC[illegible]D
JAN - 4 1999
Environmental Compliance

ORIGINALS SENT TO PAT EVANS 1/5/99 OJ

13570 St. Charles Rock Rd. • Bridgeton, MO 63044 • 314/739-1919 • Fax 314/739-2588

FIRST NATIONAL BANK OF CHICAGO

Payment for invoice INSPT-1129 100.00
Acct 9005844302 28.02
128.02

ALLIED WASTE
NORTH AMERICA INC.
18500 N. Greenway-Hayden Loop, Suite 100
Scottsdale, AZ 85260

FIRST NATIONAL BANK
OF CHICAGO - 0710
CHICAGO, ILLINOIS
Payable through Republic Bank -
Shelbyville, KY

CHECK NO. 671275

73-428
839

PAY ***EXACTLY ********128 *** DOLLARS and 02 CENTS

DATE 3/06/98

AMOUNT 128.02

TO THE ORDER OF
METROPOLITAN ST LOUIS
SEWER DISTRICT
P O BOX 437
ST LOUIS MO 63166-0437
USA

ALLIED WASTE NORTH AMERICA INC.
NOT VALID FOR AMOUNTS IN EXCESS OF $500,000

PER G. Thomas Rockford Jr.

PER

9005844302

THE REVERSE SIDE OF THIS DOCUMENT INCLUDES A MARTELIAL WATERMARK - HOLD AT AN ANGLE TO VIEW

VOID AFTER 120 DAYS

⑈671275⑈ ⑆083904262⑆ 09 90310⑈ ⑈0000128 02⑈

RECEIVED
JAN - 4 1999
Environmental Compliance

MSD 022348

MILLC

FIRST NATIONAL BANK OF CHICAGO

Payment for invoice INPDP-1411 433.91
Acct 511559802 13,568.82
14,002.73

FOR SECURITY PURPOSES, THE BORDER OF THIS DOCUMENT CONTAINS MICROPRINTING

ALLIED WASTE NORTH AMERICA INC.
15830 N. Greenway-Hayden Loop, Suite 100
Scottsdale, AZ 85260

FIRST NATIONAL BANK OF CHICAGO - 0710
CHICAGO, ILLINOIS
Payable through Republic Bank - Shelbyville, KY

CHECK NO. 666178

73-478
839

PAY ***EXACTLY ******14002 *** DOLLARS and 73 CENTS

DATE 2/27/98

AMOUNT 14,002.73

ALLIED WASTE NORTH AMERCIA INC.
NOT VALID FOR AMOUNTS IN EXCESS OF $600,000

TO THE ORDER OF
METROPOLITAN ST LOUIS
SEWER DISTRICT
P O BOX 437
ST LOUIS MO 63166-0437
USA

PER G. Thomas Rochford, Jr.

PER

VOID AFTER 120 DAYS

THIS REVERSE SIDE OF THIS DOCUMENT INCLUDES AN ARTIFICIAL WATERMARK - HOLD AT AN ANGLE TO VIEW

⑈666178⑈ ⑆083904262⑆ 09 90310⑈ ⑇0001400273⑇

RECEIVED
JAN - 4 1999

MSD 022349

Metropolitan
St. Louis Sewer
District

Department of Environmental Compliance
10 East Grand Avenue
St. Louis, MO 63147-2913
(314) 436-8710
FAX (314) 436-8753

December 8, 1998

Larry Giroux
Sr. Division General Manager
BRIDGETON LANDFILL, LLC
13570 St. Charles Rock Road
Bridgeton, MO 63044

Re: Industrial Wastewater Discharge Permit No.: ~~51155980~~ 05115598-02
For premise at: 13570 St. Charles Rock Road

Dear Mr. Giroux:

Under the provisions of MSD Ordinance 8660, the District invoices your company for an annual Pretreatment Program Permit fee to recover the administrative costs of the federally mandated Industrial Wastewater Discharge Permit program. A problem, during this year's invoicing in January, resulted in having to send two separate invoices. Both invoices were dated January 31, 1998 and each invoice covered only a portion of the total fee due. These invoices were issued under the former company name of Laidlaw Waste Systems, Inc.

Our records show that we have not received payment from your company for one or both invoices. We understand there may have been some confusion because of receiving two invoices instead of a single invoice as in past years. We want to stress the two invoices are not duplicates. When added together the amounts make up the total fee due. Listed below is the information for your company's permit fee and invoice(s) and the payment status shown in our records as of November 30, 1998.

Total permit fee Due for 1997/98:	533.91	
Invoice # INPDP-1411:	433.91	Payment not received
Invoice # INSPT-1129:	100.00	Payment not received
Amount past due:	**533.91**	

Your cooperation in promptly paying the amount due will be appreciated. If you need duplicate copies of the invoices or if you have any questions regarding the invoices or the permit fee, please call me at 436-8715.

Sincerely,
METROPOLITAN ST. LOUIS SEWER DISTRICT

Bob Zeman

Bob Zeman, P.E.
Manager of Environmental Compliance

rmk

BRIDGETON
Landfill Authority

13570 St. Charles Rock Rd.
Bridgeton, MO 63044
314/739-1919 • Fax 314/739-2588

October 27, 1998

Mr. Fabian Grabski
Metropolitan St. Louis Sewer District
Department of Environmental Compliance
10 East Grand Avenue
St. Louis, MO 63147-2913

Re: Bridgeton Sanitary Landfill
MSD Discharge Permit No. 05115598-02

Dear Mr. Grabski:

Please find enclosed the third quarter 1998 leachate sample analysis obtained from sample point 005. The results of the leachate analysis are in compliance with permit number 05115598-02.

Also please find enclosed the year to date leachate volume reports through September 1998. If you have any further questions please contact me at (314) 739-1919 extension 101.

Very truly yours,

Matt Kingsley

Matt Kingsley, P.E.
Site Manager

cc: Brad Bomanz, St, Louis County DOH
Dick Cochran
Rod Bloese

RECEIVED
OCT 28 1998
Environmental Compliance

METROPOLITAN ST. LOUIS SEWER DISTRICT
INDUSTRIAL USER SELF MONITORING REPORT

PLEASE READ THE INSTRUCTIONS BEFORE COMPLETING THIS REPORT

PART I: IDENTIFYING INFORMATION

Company Name: Bridgeton Landfill, LLC.

Permit No: 05115598-02

Premise Address: 13570 St. Charles Rock Road

Monitoring Period: ☐(JAN-MAR) ☐(APR-JUNE) ☒(JULY-SEPT) ☐(OCT-DEC)

Samples Collected By: Herst & Associates, Inc. - John D Regan

Analyses Performed By: Quanterra, Inc.

PART II: ANALYTICAL RESULTS OF SELF MONITORING

MSD SAMPLE POINT REFERENCE NUMBERS ——>		005								
DATES ON WHICH SAMPLES WERE COLLECTED ——>		8/27-8/28/98								
TIMES AT WHICH SAMPLES WERE COLLECTED ——>		1100, 1630, 0730, 1100								
PARAMETER	LIMIT	RECORD SAMPLE TYPES (G, C, M OR E) AND RESULTS BELOW G=grab, C=composite, M=measured flow, E=estimated flow								UNITS
FLOW		E	350,000							GPD
Biochemical Oxygen Demand	~	C	26							mg/L
Chemical Oxygen Demand	~	C	16							mg/L
Oil and Grease (Total)	200	G	<5.0							mg/L
pH Acidic	5.5	G	~							S.U.
pH Basic	11.5	G	7.8							S.U.
Temperature	60	G	30.7							°C
Ammonia (as N)	~	C	<0.10							mg/L
Total Suspended Solids	~	C	160							mg/L
Cadmium (Total)	0.7	C	<0.0050							mg/L
Chromium (Total)	5.0	C	0.027							mg/L
Copper (Total)	2.7	C	<0.025							mg/L
Lead (Total)	0.4	C	0.0034							mg/L
Nickel (Total)	2.3	C	0.041							mg/L
Zinc (Total)	3.0	C	0.064							mg/L

You must complete and sign the certification statements on the reverse side.

SEE ATTACHED DATA.

RECEIVED
OCT 28 1998
Environmental Compliance

PART III: SPECIAL CERTIFICATION STATEMENTS

Based on the special conditions contained in your discharge permit you may be required to certify one or more of the following. Please review your permit and **PLACE YOUR INITIALS IN THE BOXES NEXT TO THOSE CERTIFICATIONS WHICH ARE APPLICABLE TO YOUR FACILITY.** If your permit contains no Special Conditions, then none of the certifications in PART III apply to you. **GO ON TO PART IV.**

A. If your permit special conditions waive monitoring at any sample point(s) specified in your permit, you are required to make the following certification:

☐ I certify, since the last discharge monitoring report, there has been no change in the character of the wastes discharged at sampling point(s) _____ .

B. If your permit special conditions waive monitoring at active connection points which are not specified as sample points in your permit, you are required to make the following certification:

☐ I certify, since the last discharge monitoring report, there has been no change in the character of wastes discharged at those active connection points which are not specified in my permit .

C. If your permit special conditions waive monitoring at inactive connection points, you are required to make the following certification:

☐ I certify, since the permit issue date, there has been no change in the status of connection points identified as inactive. These points remain inactive and no discharge occurred during the period covered by this report.

D. If your permit special conditions authorize grab sample collection in lieu of composite sampling at any sample point(s), you are required to make the following certification:

☐ I certify the grab sample results in this report accurately represent our average daily discharge at sample point(s) _____ _____.

E. If your permit special conditions prohibit discharge of wastes which are subject to certain categorical pretreatment standards, you are required to make the following certification :

☐ I certify, since the last discharge monitoring report, there has been no discharge of wastes which are subject to pretreatment standards in 40 CFR _____.

F. Discharges subject to Pharmaceutical Categorical Standards (40 CFR 439) can be exempted from limitations and monitoring for Total Cyanide at the Pharmaceutical sample point(s) subject to the following certification:

☐ I certify, since the last discharge monitoring report, cyanide has not been used or generated in any pharmaceutical manufacturing process subject to Categorical Standards in 40 CFR 439.

G. Discharges Subject to Categorical Standards for Electroplating (40 CFR 413), Metal Finishing (40 CFR 433) or Electrical & Electronic Components (40 CFR 469) can be exempted from TTO monitoring only at the Electroplating, Metal Finishing or Electrical & Electronic Components sample point(s) subject to the following certification:

☐ Based on my inquiry of the person or persons directly responsible for managing compliance with the permit limitation for total toxic organics (TTO), I certify that, to the best of my knowledge and belief, no dumping of concentrated toxic organics into the wastewaters has occurred since filing the last discharge monitoring report. I further certify that this facility is implementing the toxic organic management plan submitted to MSD.

PART IV: GENERAL CERTIFICATION STATEMENTS

Initial the box for statement A if it applies to you. **Everyone must complete the information under statement B and sign this report.**

A. Discharges at sample points subject only to MSD Ordinance limits can be exempted from TTO monitoring subject to the following certification:

☐ In lieu of monitoring for TTO at sample point(s) _____ , I certify that to the best of my knowledge and belief, no toxic organics have been used at this premise or discharged into the wastewaters since filing of the last discharge monitoring report.

B. **DISCHARGE MONITORING REPORT 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.

Print or type name of signing official: Matt Kingsley

Title: Site Manager Telephone: 314-739-1919 x101

Signature: Matt Kingsley Date: 10/27/98

SMF 1093

RECEIVED
OCT 28 1998
Environmental Compliance

Bridgeton Landfill, LLC
Monthly Leachate Lagoon Meter Reading
Outfall 005

Month	Date of Reading	Gallons	Average Daily Discharge (Gal)	Equivalent Cubic Feet	Equivalent 100 Cubic Feet	Charge Per 100 Cubic Feet	Amount Due
January	1/31/98	6,697,000	216,032	895,320.86	8,953.21	$1.05	$9,400.87
February	2/28/98	7,245,000	258,750	968,582.89	9,685.83	$1.05	$10,170.12
March	3/31/98	6,086,000	196,323	813,636.36	8,136.36	$1.05	$8,543.18
April	4/30/98	8,466,000	282,200	1,131,818.18	11,318.18	$1.05	$11,884.09
May	5/31/98	8,995,000	290,161	1,202,540.11	12,025.40	$1.05	$12,626.67
June	6/30/98	9,620,000	310,323	1,286,096.26	12,860.96	$1.05	$13,504.01
July	7/31/98	9,278,000	299,290	1,240,374.33	12,403.74	$1.05	$13,023.93
August	8/31/98	10,682,000	344,581	1,428,074.87	14,280.75	$1.05	$14,994.79
September	9/30/98	5,559,000	179,323	743,181.82	7,431.82	$1.05	$7,803.41
October		0	0	0.00	0.00	$1.05	$0.00
November		0	0	0.00	0.00	$1.05	$0.00
December		0	0	0.00	0.00	$1.05	$0.00

CONSIDERED "M24" FOR ECMS PURPOSES.

FG
10/28/98

RECEIVED
OCT 28 1998
Environmental Compliance

BRIDGETON
Landfill Authority

13570 St. Charles Rock Rd.
Bridgeton, MO 63044
314/739-1919 • Fax 314/739-2588

August 11, 1998

Mr. Fabian Grabski
Metropolitan St. Louis Sewer District
Department of Environmental Compliance
10 East Grand Avenue
St. Louis, MO 63147-2913

Re: Bridgeton Sanitary Landfill
MSD Discharge Permit No. 05115598-02

Dear Mr. Grabski:

Please find enclosed the second quarter 1998 leachate sample analysis obtained from sample point 005. The results of the leachate analysis are in compliance with permit number 05115598-02.

Also please find enclosed the leachate volume reports from March, April, May, June and July 1998. If you have any further questions please contact me at (314) 739-1919 extension 101.

Very truly yours,

Matt Kingsley

Matt Kingsley, P.E.
Site Manager

cc: Brad Bomanz, St, Louis County DOH
Dick Cochran
Rod Bloese

RECEIVED
AUG 13 1998
Environmental Compliance

Herst & Associates, Inc.

Mr. Matt Kingsley
Bridgeton Landfill, LLC.
13570 St. Charles Rock Road
Bridgeton, Missouri 63044

July 29, 1998

Dear Mr. Kingsley:

Bridgeton Landfill, LLC.
May 1998 Leachate Sampling and Analysis

On May 29 and 30, 1998, Herst and Associates, Inc. collected samples of the leachate discharge as required by the Bridgeton Landfill MSD permit. The MSD samples were collected from the discharge line emptying into leachate manhole 005. The samples were analyzed by the Quanterra, Inc. laboratory in North Canton, Ohio.

On May 30, 1998, Herst and Associates, Inc. collected samples of the leachate pond and the sludge from the leachate pond. The leachate pond and sludge samples were collected from the leachate pond just south of Old St. Charles Rock Road. The samples were analyzed by the Quanterra, Inc. laboratory in North Canton, Ohio.

The results indicate that all of the analyzed parameters for manhole 005, leachate pond, and leachate sludge are in compliance with your discharge permit. Attached to this letter are the MSD Self Monitoring Form for manhole 005, and the analytical results.

Please review and sign these reports prior to submittal to the MSD. If you have any questions regarding the information provided in this letter, please contact me.

Sincerely,

HERST AND ASSOCIATES, INC.

John D. Regan
Geological Engineer

Ward Herst, CPHG, CEM
Director

JDR/WH/jdr

RECEIVED
AUG 13 1998
Environmental Compliance

5988 Mid Rivers Mall Drive, Suite 213
St. Charles, Missouri 63304, USA

Telephone (314) 939-9111
Fax (314) 939-9757

METROPOLITAN ST. LOUIS SEWER DISTRICT
INDUSTRIAL USER SELF MONITORING REPORT

PLEASE READ THE INSTRUCTIONS BEFORE COMPLETING THIS REPORT

PART I: IDENTIFYING INFORMATION

Company Name: Bridgeton Landfill, LLC.

Permit No: Ø5115598-Ø2

Premise Address: 1357Ø St. Charles Rock Road, Bridgeton, Mo 63Ø44

Monitoring Period: ☐(JAN-MAR) ☒(APR-JUNE) ☐(JULY-SEPT) ☐(OCT-DEC)

Samples Collected By: Herst & Associates, Inc. - John Regan

Analyses Performed By: Quanterra, Inc.

PART II: ANALYTICAL RESULTS OF SELF MONITORING

MSD SAMPLE POINT REFERENCE NUMBERS ——>		ØØ5						
DATES ON WHICH SAMPLES WERE COLLECTED ——>		5/29-5/30/98						
TIMES AT WHICH SAMPLES WERE COLLECTED ——>		0845, 1215, 1700, 0843						
PARAMETER	LIMIT	RECORD SAMPLE TYPES (G, C, M OR E) AND RESULTS BELOW G=grab, C=composite, M=measured flow, E=estimated flow						UNITS
FLOW		E	331200					GPD
Biochemical Oxygen Demand	~	C	96.2					mg/L
Chemical Oxygen Demand	~	C	430					mg/L
Oil and Grease (total)	200	G	<5.2					mg/L
pH acidic	5.5	G	~					S.U.
pH basic	11.5	G	7.4					S.U.
Temperature	60	G	28.4					°C
Ammonia (as N)	~	C	170					mg/L
Total Suspended Solids	~	C	63					mg/L
Cadmium (total)	0.7	C	<0.0050					mg/L
Chromium (total)	5.0	C	0.018					mg/L
Copper (total)	2.7	C	<0.025					mg/L
Lead (total)	0.4	C	<0.0030					mg/L
Nickel (total)	2.3	C	<0.040					mg/L
Zinc (total)	3.0	C	0.067					mg/L
Total Toxic Organics	5.52	G	Not detected					mg/L

You must complete and sign the certification statements on the reverse side.

TO_{005} = <0.01 mg/L
FG
8/13/98

430 mg/L VIA
MTT KINGSLEY.
FG
8/14/98

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Environmental Compliance

MSD 022357

PART III: SPECIAL CERTIFICATION STATEMENTS

Based on the special conditions contained in your discharge permit you may be required to certify one or more of the following. Please review your permit and **PLACE YOUR INITIALS IN THE BOXES NEXT TO THOSE CERTIFICATIONS WHICH ARE APPLICABLE TO YOUR FACILITY**. If your permit contains no Special Conditions, then none of the certifications in PART III apply to you. **GO ON TO PART IV.**

A. If your permit special conditions waive monitoring at any sample point(s) specified in your permit, you are required to make the following certification:

☐ I certify, since the last discharge monitoring report, there has been no change in the character of the wastes discharged at sampling point(s) _____ .

B. If your permit special conditions waive monitoring at active connection points which are not specified as sample points in your permit, you are required to make the following certification:

☐ I certify, since the last discharge monitoring report, there has been no change in the character of wastes discharged at those active connection points which are not specified in my permit .

C. If your permit special conditions waive monitoring at inactive connection points, you are required to make the following certification:

☐ I certify, since the permit issue date, there has been no change in the status of connection points identified as inactive. These points remain inactive and no discharge occurred during the period covered by this report.

D. If your permit special conditions authorize grab sample collection in lieu of composite sampling at any sample point(s), you are required to make the following certification:

☐ I certify the grab sample results in this report accurately represent our average daily discharge at sample point(s) _____ _____.

E. If your permit special conditions prohibit discharge of wastes which are subject to certain categorical pretreatment standards, you are required to make the following certification :

☐ I certify, since the last discharge monitoring report, there has been no discharge of wastes which are subject to pretreatment standards in 40 CFR _____.

F. Discharges subject to Pharmaceutical Categorical Standards (40 CFR 439) can be exempted from limitations and monitoring for Total Cyanide at the Pharmaceutical sample point(s) subject to the following certification:

☐ I certify, since the last discharge monitoring report, cyanide has not been used or generated in any pharmaceutical manufacturing process subject to Categorical Standards in 40 CFR 439.

G. Discharges Subject to Categorical Standards for Electroplating (40 CFR 413), Metal Finishing (40 CFR 433) or Electrical & Electronic Components (40 CFR 469) can be exempted from TTO monitoring only at the Electroplating, Metal Finishing or Electrical & Electronic Components sample point(s) subject to the following certification:

☐ Based on my inquiry of the person or persons directly responsible for managing compliance with the permit limitation for total toxic organics (TTO), I certify that, to the best of my knowledge and belief, no dumping of concentrated toxic organics into the wastewaters has occurred since filing the last discharge monitoring report. I further certify that this facility is implementing the toxic organic management plan submitted to MSD.

PART IV: GENERAL CERTIFICATION STATEMENTS

Initial the box for statement A if it applies to you. **Everyone must complete the information under statement B and sign this report.**

A. Discharges at sample points subject only to MSD Ordinance limits can be exempted from TTO monitoring subject to the following certification:

☐ In lieu of monitoring for TTO at sample point(s) _____ , I certify that to the best of my knowledge and belief, no toxic organics have been used at this premise or discharged into the wastewaters since filing of the last discharge monitoring report.

B. **DISCHARGE MONITORING REPORT 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.

Print or type name of signing official: Matt Kingsley

Title: Site Manager Telephone: 314 739-1919 x101

Signature: Matt Kingsley Date: 8/11/98

SMF 10/93

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Bridgeton Landfill, LLC
Monthly Leachate Lagoon Meter Reading
Outfall 005

Month	Date of Reading	Gallons	Average Daily Discharge (Gal)	Equivalent Cubic Feet	Equivalent 100 Cubic Feet	Charge Per 100 Cubic Feet	Amount Due
January	1/31/98	6,697,000	216,032	895,320.86	8,953.21	$1.05	$9,400.87
February	2/28/98	7,245,000	258,750	968,582.89	9,685.83	$1.05	$10,170.12
March	3/31/98	6,086,000	196,323	813,636.36	8,136.36	$1.05	$8,543.18
April	4/30/98	8,466,000	282,200	1,131,818.18	11,318.18	$1.05	$11,884.09
May	5/31/98	8,995,000	290,161	1,202,540.11	12,025.40	$1.05	$12,626.67
June	6/30/98	9,620,000	310,323	1,286,096.26	12,860.96	$1.05	$13,504.01
July	7/31/98	9,278,000	299,290	1,240,374.33	12,403.74	$1.05	$13,023.93
August		0	0	0.00	0.00	$1.05	$0.00
September		0	0	0.00	0.00	$1.05	$0.00
October		0	0	0.00	0.00	$1.05	$0.00
November		0	0	0.00	0.00	$1.05	$0.00
December		0	0	0.00	0.00	$1.05	$0.00

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BRIDGETON LANDFILL LLC

Client Sample ID: OUTFALL 005

TTO_{005} = < 0.01 mg/l
FG 8/13/98

GC/MS Semivolatiles

Lot-Sample #...: A8F020152-001 Work Order #...: CHM9H10D Matrix.....: WATER
Date Sampled...: 05/30/98 09:00 Date Received..: 06/02/98
Prep Date.....: 06/04/98 Analysis Date..: 06/09/98
Prep Batch #...: 8155103
Dilution Factor: 1 Method.....: CFR136A 625

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acenaphthene	ND	10	ug/L
Acenaphthylene	ND	10	ug/L
Anthracene	ND	10	ug/L
Benzidine	ND	100	ug/L
Benzo(a)anthracene	ND	10	ug/L
Benzo(b)fluoranthene	ND	10	ug/L
Benzo(k)fluoranthene	ND	10	ug/L
Benzo(ghi)perylene	ND	10	ug/L
Benzo(a)pyrene	ND	10	ug/L
bis(2-Chloroethoxy) methane	ND	10	ug/L
bis(2-Chloroethyl) ether	ND	10	ug/L
bis(2-Chloroisopropyl) ether	ND	10	ug/L
bis(2-Ethylhexyl) phthalate	ND	10	ug/L
4-Bromophenyl phenyl ether	ND	10	ug/L
Butyl benzyl phthalate	ND	10	ug/L
p-Chloro-m-cresol	ND	10	ug/L
2-Chloronaphthalene	ND	10	ug/L
2-Chlorophenol	ND	10	ug/L
4-Chlorophenyl phenyl ether	ND	10	ug/L
Chrysene	ND	10	ug/L
Dibenz(a,h)anthracene	ND	10	ug/L
Di-n-butyl phthalate	ND	10	ug/L
1,2-Dichlorobenzene	ND	10	ug/L
1,3-Dichlorobenzene	ND	10	ug/L
1,4-Dichlorobenzene	ND	10	ug/L
3,3'-Dichlorobenzidine	ND	10	ug/L
2,4-Dichlorophenol	ND	10	ug/L
Diethyl phthalate	ND	10	ug/L
2,4-Dimethylphenol	ND	10	ug/L
Dimethyl phthalate	ND	10	ug/L
Di-n-octyl phthalate	ND	10	ug/L
4,6-Dinitro-o-cresol	ND	10	ug/L
2,4-Dinitrophenol	ND	50	ug/L
2,4-Dinitrotoluene	ND	50	ug/L
	ND	10	ug/L

(Continued on next page)

BRIDGETON LANDFILL LLC

Client Sample ID: OUTFALL 005

GC/MS Semivolatiles

Lot-Sample #...: A8F020152-001 Work Order #...: CHM9H10D Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
2,6-Dinitrotoluene	ND	10	ug/L
1,2-Diphenylhydrazine	ND	10	ug/L
Fluoranthene	ND	10	ug/L
Fluorene	ND	10	ug/L
Hexachlorobenzene	ND	10	ug/L
Hexachlorobutadiene	ND	10	ug/L
Hexachlorocyclopentadiene	ND	10	ug/L
Hexachloroethane	ND	10	ug/L
Indeno(1,2,3-cd)pyrene	ND	10	ug/L
Isophorone	ND	10	ug/L
Naphthalene	ND	10	ug/L
Nitrobenzene	ND	10	ug/L
2-Nitrophenol	ND	10	ug/L
4-Nitrophenol	ND	10	ug/L
N-Nitrosodimethylamine	ND	50	ug/L
N-Nitrosodi-n-propylamine	ND	10	ug/L
N-Nitrosodiphenylamine	ND	10	ug/L
Pentachlorophenol	ND	10	ug/L
Phenanthrene	ND	50	ug/L
Phenol SP	ND	10	ug/L
Pyrene	ND	~~10~~ .01	ug/L
1,2,4-Trichlorobenzene	ND	10	ug/L
2,4,6-Trichlorophenol	ND	10	ug/L
	ND	10	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	63	(17 - 106)
Phenol-d5	63	(15 - 126)
2,4,6-Tribromophenol	71	(13 - 145)
Nitrobenzene-d5	65	(36 - 148)
2-Fluorobiphenyl	58	(38 - 106)
Terphenyl-d14	14	(10 - 169)

BRIDGETON LANDFILL LLC

Client Sample ID: OUTFALL 005

GC/MS Volatiles

Lot-Sample #...: A8F020152-001 Work Order #...: CHM9H10A Matrix.....: WATER
Date Sampled...: 05/30/98 09:00 Date Received..: 06/02/98
Prep Date.....: 06/04/98 Analysis Date..: 06/04/98
Prep Batch #...: 8156209
Dilution Factor: 1 Method... .....: CFR136A 624

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acrolein	ND	100	ug/L
Acrylonitrile	ND	100	ug/L
Benzene SP	~~ND~~	~~5.0~~ .01	ug/L
Dichlorobromomethane	ND	5.0	ug/L
Bromoform	ND	5.0	ug/L
Bromomethane	ND	10	ug/L
Carbon tetrachloride	ND	5.0	ug/L
Chlorobenzene SP	~~ND~~	~~5.0~~ .01	ug/L
Chlorodibromomethane	ND	5.0	ug/L
Chloroethane SP	~~ND~~	~~10~~ .01	ug/L
Chloroform	ND	5.0	ug/L
Chloromethane	ND	10	ug/L
1,1-Dichloroethane	ND	5.0	ug/L
1,2-Dichloroethane	ND	5.0	ug/L
1,1-Dichloroethene SP	~~ND~~	~~5.0~~ .01	ug/L
1,2-Dichloroethene SP (total)	~~ND~~	~~5.0~~ .01	ug/L
1,2-Dichloropropane	ND	5.0	ug/L
cis-1,3-Dichloropropene	ND	5.0	ug/L
trans-1,3-Dichloropropene	ND	5.0	ug/L
Ethylbenzene SP	~~ND~~	~~5.0~~ .01	ug/L
Methylene chloride SP	~~ND~~	~~10~~ .01	ug/L
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L
Tetrachloroethene	ND	5.0	ug/L
Toluene SP	~~ND~~	~~5.0~~ .01	ug/L
1,1,1-Trichloroethane	ND	5.0	ug/L
1,1,2-Trichloroethane	ND	5.0	ug/L
Trichloroethene SP	~~ND~~	~~5.0~~ .01	ug/L
Vinyl chloride SP	~~ND~~	~~10~~ .01	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	103	(76 - 114)
Toluene-d8	98	(88 - 110)
Bromofluorobenzene	107	(86 - 115)

BRIDGETON
Landfill Authority

13570 St. Charles Rock Rd.
Bridgeton, MO 63044
314/739-1919 • Fax 314/739-2588

PREVIOUSLY LAIDLAW WASTE SYSTEMS, INC.

FG
3/27/98

March 23, 1998

Mr. Fabian Grabski
Metropolitan St. Louis Sewer District
Department of Environmental Compliance
10 East Grand Avenue
St. Louis, MO 63147-2913

Re: Bridgeton Sanitary Landfill
MSD Discharge Permit No. 05115598-02

Dear Mr. Grabski:

Please find enclosed the first quarter 1998 leachate sample analysis obtained from sample point 005. The results of the leachate analysis are in compliance with permit number 05115598-02.

Also please find enclosed the leachate volume reports from January and February 1998. The leachate volume report from March 1998 will be included with our second quarter submission. If you have any further questions please contact me at (314) 739-1919 extension 101.

Very truly yours,

Matt Kingsley

Matt Kingsley, P.E.
Site Manager

cc: Brad Bomanz, St, Louis County DOH
Dick Cochran
Rod Bloese

RECEIVED
MAR 27 1998
Environmental Compliance

METROPOLITAN ST. LOUIS SEWER DISTRICT
INDUSTRIAL USER SELF MONITORING REPORT

PLEASE READ THE INSTRUCTIONS BEFORE COMPLETING THIS REPORT

PART I: IDENTIFYING INFORMATION

Company Name: Bridgeton Landfill, LLC.

Permit No: 05115598-02

Premise Address: 13570 St. Charles Rock Road, Bridgeton Mo. 63044

Monitoring Period: ☒(JAN-MAR) ☐(APR-JUNE) ☐(JULY-SEPT) ☐(OCT-DEC)

Samples Collected By: Water Management Consultants, Inc. - Devin T. Shay

Analyses Performed By: Quanterra, Inc.

PART II: ANALYTICAL RESULTS OF SELF MONITORING

MSD SAMPLE POINT REFERENCE NUMBERS ——>		005						
DATES ON WHICH SAMPLES WERE COLLECTED ——>		2/16-2/17/1998						
TIMES AT WHICH SAMPLES WERE COLLECTED ——>		0835, 1230, 1625, 0817						
PARAMETER	LIMIT	RECORD SAMPLE TYPES (G, C, M OR E) AND RESULTS BELOW G=grab, C=composite, M=measured flow, E=estimated flow						UNITS
FLOW		E	177000					GPD
Biochemical Oxygen Demand	–	C	26					mg/L
Chemical Oxygen Demand	–	C	540					mg/L
Oil and Grease (total)	200	G	<5.0					mg/L
pH Acidic	5.5	G	~					S.U.
pH Basic	11.5	G	7.7					S.U.
Temperature	60	G	9.90					°C
Ammonia (as N)	–	C	180					mg/L
Total Suspended Solids	–	C	44					mg/L
Cadmium (total)	0.7	C	<0.0050					mg/L
Chromium (total)	5.0	C	0.023					mg/L
Copper (total)	2.7	C	<0.025					mg/L
Lead (total)	0.4	C	<0.0030					mg/L
Nickel (total)	2.3	C	<0.040					mg/L
Zinc (total)	3.0	C	0.067					mg/L

You must complete and sign the certification statements on the reverse side.

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Environmental Compliance

PART III: SPECIAL CERTIFICATION STATEMENTS

Based on the special conditions contained in your discharge permit you may be required to certify one or more of the following. Please review your permit and **PLACE YOUR INITIALS IN THE BOXES NEXT TO THOSE CERTIFICATIONS WHICH ARE APPLICABLE TO YOUR FACILITY**. If your permit contains no Special Conditions, then none of the certifications in PART III apply to you. **GO ON TO PART IV.**

A. If your permit special conditions waive monitoring at any sample point(s) specified in your permit, you are required to make the following certification:

☐ I certify, since the last discharge monitoring report, there has been no change in the character of the wastes discharged at sampling point(s) _____.

B. If your permit special conditions waive monitoring at active connection points which are not specified as sample points in your permit, you are required to make the following certification:

☐ I certify, since the last discharge monitoring report, there has been no change in the character of wastes discharged at those active connection points which are not specified in my permit .

C. If your permit special conditions waive monitoring at inactive connection points, you are required to make the following certification:

☐ I certify, since the permit issue date, there has been no change in the status of connection points identified as inactive. These points remain inactive and no discharge occurred during the period covered by this report.

D. If your permit special conditions authorize grab sample collection in lieu of composite sampling at any sample point(s), you are required to make the following certification:

☐ I certify the grab sample results in this report accurately represent our average daily discharge at sample point(s) _____ _____.

E. If your permit special conditions prohibit discharge of wastes which are subject to certain categorical pretreatment standards, you are required to make the following certification :

☐ I certify, since the last discharge monitoring report, there has been no discharge of wastes which are subject to pretreatment standards in 40 CFR _____.

F. Discharges subject to Pharmaceutical Categorical Standards (40 CFR 439) can be exempted from limitations and monitoring for Total Cyanide at the Pharmaceutical sample point(s) subject to the following certification:

☐ I certify, since the last discharge monitoring report, cyanide has not been used or generated in any pharmaceutical manufacturing process subject to Categorical Standards in 40 CFR 439.

G. Discharges Subject to Categorical Standards for Electroplating (40 CFR 413), Metal Finishing (40 CFR 433) or Electrical & Electronic Components (40 CFR 469) can be exempted from TTO monitoring only at the Electroplating, Metal Finishing or Electrical & Electronic Components sample point(s) subject to the following certification:

☐ Based on my inquiry of the person or persons directly responsible for managing compliance with the permit limitation for total toxic organics (TTO), I certify that, to the best of my knowledge and belief, no dumping of concentrated toxic organics into the wastewaters has occurred since filing the last discharge monitoring report. I further certify that this facility is implementing the toxic organic management plan submitted to MSD.

PART IV: GENERAL CERTIFICATION STATEMENTS

Initial the box for statement A if it applies to you. **Everyone must complete the information under statement B and sign this report.**

A. Discharges at sample points subject only to MSD Ordinance limits can be exempted from TTO monitoring subject to the following certification:

☐ In lieu of monitoring for TTO at sample point(s) _____, I certify that to the best of my knowledge and belief, no toxic organics have been used at this premise or discharged into the wastewaters since filing of the last discharge monitoring report.

B. **DISCHARGE MONITORING REPORT 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.

Print or type name of signing official: Matt Kingsley / Matt Kingsley

Title: Site Manager Telephone: (314) 739-1919

Signature: Matt Kingsley Date: 3/23/98

SME 10/93

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MAR 27 1998
Environmental Compliance

Lagoon Flow Meter					
MONTH: JANUARY					
Date	Reading	Gallons		Amount Due	
previous month's	0				
	0	0			
	0	0			
	0	0			
1/31/98	66970	6697000			
		6,697,000	total gallons		
		195941.9355	average		

RECEIVED
MAR 27 1998
Environmental Compliance

Lagoon Flow Meter					
MONTH: FEBRUARY					
Date	Reading	Gallons		**Amount Due**	
previous month's	0				
	0	0			
	0	0			
	0	0			
2/28/98	72450	7245000			
		7,245,000	total gallons		
		195941.9355	average		

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MAR 27 1998
Environmental Compliance

BRIDGETON
Landfill Authority

13570 St. Charles Rock Rd.
Bridgeton, MO 63044
314/739-1919 • Fax 314/739-2588

April 1, 1998

Mr. Fabian Grabski
Metropolitan St. Louis Sewer District
Department of Environmental Compliance
10 East Grand Avenue
St. Louis, MO 63147-2913

Re: Bridgeton Sanitary Landfill
MSD Discharge Permit No. 05115598-02
Notice of Change of Legal Name

Dear Mr. Grabski:

We are in receipt of your March 27, 1998 letter which modifies our discharge permit to reflect our recent name change. However, our new legal name is Bridgeton Landfill, LLC, not Bridgeton Landfill, LCC as stated in your letter. In addition to this, as Larry Giroux no longer manages this facility, please address all future correspondance to myself.

Your attention and responsiveness to this matter is greatly appreciated. If you have any further questions please contact me at (314) 739-1919 extension 101.

Very truly yours,

Matt Kingsley

Matt Kingsley, P.E.
Site Manager

cc: Dick Cochran
Rod Bloese

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Landfill Authority

13570 St. Charles Rock Rd.
Bridgeton, MO 63044
314/739-1919 • Fax 314/739-2588

March 23, 1998

Mr. Fabian Grabski
Metropolitan St. Louis Sewer District
Department of Environmental Compliance
10 East Grand Avenue
St. Louis, MO 63147-2913

Re: Bridgeton Sanitary Landfill
MSD Discharge Permit No. 05115598-02
Notice of Change of Legal Name

Dear Mr. Grabski:

Permit number 05115598-02 was issued to Laidlaw Waste Systems, Inc. on January 31, 1997. Effective Janaury 1, 1998, our legal name has changed to Bridgeton Landfill, LLC and we are currently doing business as Bridgeton Landfill Authority. Operation of this facility and subsequent discharge to your treatment works remains unchanged.

With provision of this notice please update your records. If you have any questions please contact me at (314) 739-1919 extension 101.

Very truly yours,

Matt Kingsley

Matt Kingsley, P.E.
Site Manager

cc: Dick Cochran
Rod Bloese

RECEIVED
MAR 27 1998
Environmental Compliance

Landfill Authority

January 20, 1998

Mr. Fabian Grabski
Metropolitan St. Louis Sewer District
Department of Environmental Compliance
10 East Grand Avenue
St. Louis, MO 63147-2913

Re: Bridgeton Sanitary Landfill
MSD Discharge Permit No. 05115598-02

Dear Mr. Grabski:

Please find enclosed the fourth quarter 1997 leachate sample analysis obtained from sample point 005. The results of the leachate analysis are in compliance with permit number 05115598-02.

Also please find enclosed the leachate volume reports from October, November, and December 1997. If you have any further questions please contact me at (314) 739-1919 extension 101.

Very truly yours,

Matt Kingsley

Matt Kingsley, P.E.
Site Manager

cc: Brad Bomanz, St, Louis County DOH
Dick Cochran
Rod Bloese

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JAN 2 2 1998
Environmental Compliance

13570 St. Charles Rock Rd. • Bridgeton, MO 63044 • 314/739-1919 • Fax 314/739-2588

METROPOLITAN ST. LOUIS SEWER DISTRICT
INDUSTRIAL USER SELF MONITORING REPORT

PLEASE READ THE INSTRUCTIONS BEFORE COMPLETING THIS REPORT

PART I: IDENTIFYING INFORMATION

Company Name: Allied Waste Systems, Inc.

Permit No: 05115598-02

Premise Address: 13570 St. Charles Rock Road, Bridgeton, Mo. 63044

Monitoring Period: ☐(JAN-MAR) ☐(APR-JUNE) ☐(JULY-SEPT) ☒(OCT-DEC)

Samples Collected By: Water Management Consultants, Inc. - John Regan

Analyses Performed By: Quanterra, Inc.

PART II: ANALYTICAL RESULTS OF SELF MONITORING

MSD SAMPLE POINT REFERENCE NUMBERS ——>		005								
DATES ON WHICH SAMPLES WERE COLLECTED ——>		11/23-11/24/97								
TIMES AT WHICH SAMPLES WERE COLLECTED ——>		1400, 1730, 0700, 1400								
PARAMETER	LIMIT	RECORD SAMPLE TYPES (G, C, M OR E) AND RESULTS BELOW G=grab, C=composite, M=measured flow, E=estimated flow								UNITS
FLOW		E	220000							GPD
Biochemical Oxygen Demand	–	C	20							mg/L
Chemical Oxygen Demand	–	C	700							mg/L
Oil and Grease (total)	200	G	<5.0							mg/L
pH acidic	5.5	G	~							S.U.
pH basic	11.5	G	8.0							S.U.
Temperature	60	G	13.1							°C
Ammonia (as N)	–	C	140							mg/L
Total Suspended Solids	–	C	55							mg/L
Cadmium (TOTAL)	0.7	C	<0.0050							mg/L
Chromium (TOTAL)	5.0	C	0.014							mg/L
Copper (TOTAL)	2.7	C	<0.025							mg/L
Lead (TOTAL)	0.4	C	<0.0030							mg/L
Nickel (TOTAL)	2.3	C	<0.040							mg/L
Zinc (TOTAL)	3.0	C	0.056							mg/L

You must complete and sign the certification statements on the reverse side.

RECEIVED
JAN 22 1998
Environmental Compliance

PART III: SPECIAL CERTIFICATION STATEMENTS

Based on the special conditions contained in your discharge permit you may be required to certify one or more of the following. Please review your permit and **PLACE YOUR INITIALS IN THE BOXES NEXT TO THOSE CERTIFICATIONS WHICH ARE APPLICABLE TO YOUR FACILITY**. If your permit contains no Special Conditions, then none of the certifications in **PART III** apply to you. **GO ON TO PART IV.**

A. If your permit special conditions waive monitoring at any sample point(s) specified in your permit, you are required to make the following certification:

☐ I certify, since the last discharge monitoring report, there has been no change in the character of the wastes discharged at sampling point(s) _____.

B. If your permit special conditions waive monitoring at active connection points which are not specified as sample points in your permit, you are required to make the following certification:

☐ I certify, since the last discharge monitoring report, there has been no change in the character of wastes discharged at those active connection points which are not specified in my permit.

C. If your permit special conditions waive monitoring at inactive connection points, you are required to make the following certification:

☐ I certify, since the permit issue date, there has been no change in the status of connection points identified as inactive. These points remain inactive and no discharge occurred during the period covered by this report.

D. If your permit special conditions authorize grab sample collection in lieu of composite sampling at any sample point(s), you are required to make the following certification:

☐ I certify the grab sample results in this report accurately represent our average daily discharge at sample point(s) _____ _____.

E. If your permit special conditions prohibit discharge of wastes which are subject to certain categorical pretreatment standards, you are required to make the following certification :

☐ I certify, since the last discharge monitoring report, there has been no discharge of wastes which are subject to pretreatment standards in 40 CFR _____.

F. Discharges subject to Pharmaceutical Categorical Standards (40 CFR 439) can be exempted from limitations and monitoring for Total Cyanide at the Pharmaceutical sample point(s) subject to the following certification:

☐ I certify, since the last discharge monitoring report, cyanide has not been used or generated in any pharmaceutical manufacturing process subject to Categorical Standards in 40 CFR 439.

G. Discharges Subject to Categorical Standards for Electroplating (40 CFR 413), Metal Finishing (40 CFR 433) or Electrical & Electronic Components (40 CFR 469) can be exempted from TTO monitoring only at the Electroplating, Metal Finishing or Electrical & Electronic Components sample point(s) subject to the following certification:

☐ Based on my inquiry of the person or persons directly responsible for managing compliance with the permit limitation for total toxic organics (TTO), I certify that, to the best of my knowledge and belief, no dumping of concentrated toxic organics into the wastewaters has occurred since filing the last discharge monitoring report. I further certify that this facility is implementing the toxic organic management plan submitted to MSD.

PART IV: GENERAL CERTIFICATION STATEMENTS

Initial the box for statement A if it applies to you. **Everyone must complete the information under statement B and sign this report.**

A. Discharges at sample points subject only to MSD Ordinance limits can be exempted from TTO monitoring subject to the following certification:

☐ In lieu of monitoring for TTO at sample point(s) _____, I certify that to the best of my knowledge and belief, no toxic organics have been used at this premise or discharged into the wastewaters since filing of the last discharge monitoring report.

B. **DISCHARGE MONITORING REPORT 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.

Print or type name of signing official: Matt Kingsley

Title: Site Manager Telephone: (314) 739-1919

Signature: Matt Kingsley Date: 1/20/98

SMF 10/93

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JAN 22 1998
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Lagoon Flow Meter					
MONTH: DECEMBER					
Date	Reading	Gallons		**Amount Due**	
previous month's	0				
	0	0			
	0	0			
	0	0			
12/31/97	87770	8777000			
		8,777,000	total	$11,616.62	
		195941.9355	average		

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JAN 2 2 1998
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OCTOBER

Lagoon Flow Meter					
MONTH: OCTOBER					
Date	Reading	Gallons		**Amount Due**	
previous month's	0				
NOTE: NEW METE	0	0			
	0	0			
	0	0			
10/31/97	104380	10438000			
		10,438,000	total	$13,815.00	
		195941.9355	average		

RECEIVED
JAN 2 2 1998
Environmental Compliance

Lagoon Flow Meter					
MONTH: NOVEMBER					
Date	Reading	Gallons		**Amount Due**	
previous month's	0				
	0	0			
	0	0			
	0	0			
11/30/97	96560	9656000			
		9,656,000	total	$12,780.00	
		195941.9355	average		

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JAN 2 2 1998
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LAIDLAW WASTE

BRIDGETON
Landfill Authority

October 6, 1997

Mr. Gunter H. Durdel
Department of Environmental Compliance
10 East Grand Avenue
St. Louis, MO 63147-2913

Re: **QUARTERLY SELF-MONITORING REPORT**

Dear Mr. Durdel:

Enclosed please find the third quarter test results for the Bridgeton Sanitary Landfill MSD self monitoring requirements.

Should you have any questions concerning this matter, please do not hesitate to call me at (314) 739-1919 Ext. 109.

Sincerely,

Jacinta Douma
Technical Administrative Assistant

cc: Mr. Brad Bomanz, St. Louis County Department of Health
Mr. Fabian Grabski, Department of Environmental Compliance, MSD

RECEIVED
OCT 0 7 1997
Environmental Compliance

13570 St. Charles Rock Rd. • Bridgeton, MO 63044 • 314/739-1919 • Fax 314/739-2588

Airborne Express 937 8788753 @ 8:30 AM

WATER
MANAGEMENT
CONSULTANTS

5988 MID RIVERS MALL DRIVE
ST. CHARLES, MISSOURI 63304, USA

TELEPHONE: (314) 939 4926
TELEFAX: (314) 939 9631

Mr. Matt Kingsley
Allied Waste Systems, Inc.
13570 St. Charles Rock Road
Bridgeton, Missouri 63044

September 16, 1997

Dear Mr. Kingsley:

Allied Waste Systems, Inc.
Bridgeton Landfill Authority
August 1997 Leachate Sampling and Analysis

On August 25 and 26, 1997, Water Management Consultants, Inc. collected samples of the leachate discharge as required by the Bridgeton Landfill MSD permit. The MSD samples were collected from the discharge line emptying into the leachate manhole designated as sampling point 005. The samples were analyzed by the Quanterra, Inc. laboratory in North Canton, Ohio.

The results indicate that all of the analyzed parameters are in compliance with your discharge permit. Attached to this letter are the MSD Self Monitoring Form, and the analytical results.

Please review and sign these reports prior to submittal to the MSD. If you have any questions regarding the information provided in this letter, please contact me.

Sincerely,

WATER MANAGEMENT CONSULTANTS, INC.

John D. Regan
Staff Hydrogeologist

Ward Herst, CPHG, CEM
Operations Manager

JDR/WH/jdr
Enclosures
cc: Jacinta Douma, Allied Waste Systems, Inc.

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CG\D:\DOCUMENTS\BRIDGETON\BRIDGETON AUGUST LEACHATE SAMPLING REPORT.DOC

METROPOLITAN ST. LOUIS SEWER DISTRICT
INDUSTRIAL USER SELF MONITORING REPORT

PLEASE READ THE INSTRUCTIONS BEFORE COMPLETING THIS REPORT

PART I: IDENTIFYING INFORMATION

Company Name: Allied Waste Systems, Inc.

Permit No: 05115598-02

Premise Address: 13570 St. Charles Rock Road, Bridgeton, Mo. 63044

Monitoring Period: ☐(JAN-MAR) ☐(APR-JUNE) ☒(JULY-SEPT) ☐(OCT-DEC)

Samples Collected By: Water Management Consultants, Inc. - John Regan

Analyses Performed By: Quanterra Inc.

PART II: ANALYTICAL RESULTS OF SELF MONITORING

MSD SAMPLE POINT REFERENCE NUMBERS ——>		005						
DATES ON WHICH SAMPLES WERE COLLECTED ——>		8/25-8/26 1997						
TIMES AT WHICH SAMPLES WERE COLLECTED ——>		1350, 1845, 0845, 1230						
PARAMETER	LIMIT	RECORD SAMPLE TYPES (G, C, M OR E) AND RESULTS BELOW G=grab, C=composite, M=measured flow, E=estimated flow						UNITS
FLOW		E	159000					GPD
Biochemical Oxygen Demand	—	C	13					mg/L
Chemical Oxygen Demand	—	C	300					mg/L
Oil and Grease (Total)	200	G	<5.0					mg/L
pH Acidic	5.5	G	~					S.U.
pH Basic	11.5	G	7.9					S.U.
Temperature	60	G	28.5					°C
Ammonia (as N)	—	C	140					mg/L
Total Suspended Solids	—	C	33					mg/L
Cadmium	0.7	C	<0.0050					mg/L
Chromium	5.0	C	0.012					mg/L
Copper	2.7	C	<0.025					mg/L
Lead	0.4	C	<0.0030					mg/L
Nickel	2.3	C	<0.040					mg/L
Zinc	3.0	C	0.069					mg/L

You must complete and sign the certification statements on the reverse side.

RECEIVED
OCT 07 1997
Environmental Compliance

PART III: SPECIAL CERTIFICATION STATEMENTS

Based on the special conditions contained in your discharge permit you may be required to certify one or more of the following. Please review your permit and **PLACE YOUR INITIALS IN THE BOXES NEXT TO THOSE CERTIFICATIONS WHICH ARE APPLICABLE TO YOUR FACILITY.** If your permit contains no Special Conditions, then none of the certifications in PART III apply to you. **GO ON TO PART IV.**

A. If your permit special conditions waive monitoring at any sample point(s) specified in your permit, you are required to make the following certification:

☐ I certify, since the last discharge monitoring report, there has been no change in the character of the wastes discharged at sampling point(s) _____.

B. If your permit special conditions waive monitoring at active connection points which are not specified as sample points in your permit, you are required to make the following certification:

☐ I certify, since the last discharge monitoring report, there has been no change in the character of wastes discharged at those active connection points which are not specified in my permit.

C. If your permit special conditions waive monitoring at inactive connection points, you are required to make the following certification:

☐ I certify, since the permit issue date, there has been no change in the status of connection points identified as inactive. These points remain inactive and no discharge occurred during the period covered by this report.

D. If your permit special conditions authorize grab sample collection in lieu of composite sampling at any sample point(s), you are required to make the following certification:

☐ I certify the grab sample results in this report accurately represent our average daily discharge at sample point(s) _____ _____.

E. If your permit special conditions prohibit discharge of wastes which are subject to certain categorical pretreatment standards, you are required to make the following certification:

☐ I certify, since the last discharge monitoring report, there has been no discharge of wastes which are subject to pretreatment standards in 40 CFR _____.

F. Discharges subject to Pharmaceutical Categorical Standards (40 CFR 439) can be exempted from limitations and monitoring for Total Cyanide at the Pharmaceutical sample point(s) subject to the following certification:

☐ I certify, since the last discharge monitoring report, cyanide has not been used or generated in any pharmaceutical manufacturing process subject to Categorical Standards in 40 CFR 439.

G. Discharges Subject to Categorical Standards for Electroplating (40 CFR 413), Metal Finishing (40 CFR 433) or Electrical & Electronic Components (40 CFR 469) can be exempted from TTO monitoring only at the Electroplating, Metal Finishing or Electrical & Electronic Components sample point(s) subject to the following certification:

☐ Based on my inquiry of the person or persons directly responsible for managing compliance with the permit limitation for total toxic organics (TTO), I certify that, to the best of my knowledge and belief, no dumping of concentrated toxic organics into the wastewaters has occurred since filing the last discharge monitoring report. I further certify that this facility is implementing the toxic organic management plan submitted to MSD.

PART IV: GENERAL CERTIFICATION STATEMENTS

Initial the box for statement A if it applies to you. **Everyone must complete the information under statement B and sign this report.**

A. Discharges at sample points subject only to MSD Ordinance limits can be exempted from TTO monitoring subject to the following certification:

☐ In lieu of monitoring for TTO at sample point(s) _____, I certify that to the best of my knowledge and belief, no toxic organics have been used at this premise or discharged into the wastewaters since filing of the last discharge monitoring report.

B. **DISCHARGE MONITORING REPORT 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.

Print or type name of signing official: Matt Kingsley

Title: General Manager Telephone: (314) 739-1919

Signature: Matt Kingsley Date: 10/3/97

SMF 10/93

RECEIVED
OCT 07 1997
Environmental Compliance

Metropolitan
St. Louis Sewer
District

Department of Environmental Compliance
10 East Grand Avenue
St. Louis, MO 63147-2913
(314) 436-8710
FAX (314) 436-8753

August 14, 1997

Larry Giroux
Sr. Division General Manager
LAIDLAW WASTE SYSTEMS, INC.
13570 St. Charles Rock Road
Bridgeton, MO 63044

RE: Discharge Permit No: 05115598-02
For premise at: 13570 St. Charles Rock Road
Bridgeton, MO 63044

Dear Mr. Giroux:

Under the terms and conditions of the above referenced permit, you are required to self-monitor the discharge at each of the identified sampling points. Monitoring is to be performed for the parameters listed and at the frequency specified in the permit. The results are to be reported quarterly.

We received your second quarter, 1997 self-monitoring report on August 13, 1997. Our review of this report shows the following noncompliance with the terms and condition of your discharge permit:

1) The laboratory analytical sheets provided with the reports states that the metal analyses were performed utilizing EPA Methods 7421 and 6010. It appears you have utilized the SW846 solid waste methodology. Please note that pursuant to General Condition I.A.6 in the above referenced Industrial Wastewater Discharge Permit, you are required to analyze all wastewater pursuant to 40 CFR 136 which lists EPA Methods 200 or 200.7 for metal analyses.

2) As confirmed with Ms. Douma (Laidlaw) on August 14, 1997, all wastewater samples collected for analyses were collected as grab samples. Please note that pursuant to your permit, grab samples are only permitted for Oil/Grease (Total), pH, temperature, and TTO analyses.

Failure to perform required monitoring or to submit required reports, complete and on time, constitutes noncompliance with the terms and conditions of your permit and may place your company in Significant Noncompliance (SNC), as defined in District Ordinance 8472 and federal regulations 40 CFR 403. SNC companies are subject to enforcement action by the District. At a minimum, the District is required to include SNC companies in an annual newspaper

publication. To avoid further action, you must ensure that all future monitoring and reporting is performed as specified in the permit.

At this time we request that you: (1) employ proper methodology during future analyses; and (2) collect your wastewater samples as specified in your permit.

If you have any questions please contact me at 436-8756.

Sincerely,
METROPOLITAN ST. LOUIS SEWER DISTRICT

Fabian T. Grabski
Assistant Engineer

ph

LAIDLAW

LAIDLAW WASTE SYSTEMS INC.

August 12, 1997

To: Fabian Grabski, MSD
From: Jacinta Douma

Re: **QUARTERLY SELF-MONITORING REPORT**

Dear Mr.Grabski:

Enclosed please find the second quarter test results for the Bridgeton Sanitary Landfill MSD self monitoring requirements. I apologize for the delay in receipt of this data. I will ensure you are on the original copy list in the future.

Should you have any questions concerning this matter, please do not hesitate to call me at (314) 739-1919 Ext. 109.

Sincerely,

Jacinta Douma
Technical Administrative Assistant

RECEIVED
AUG 13 1997
Environmental Compliance

4/msd

13570 ST. CHARLES ROCK ROAD, BRIDGETON, MISSOURI 63044 (314) 739-1919

Airborne Express 943798 8733

METROPOLITAN ST. LOUIS SEWER DISTRICT
INDUSTRIAL USER SELF MONITORING REPORT

PLEASE READ THE INSTRUCTIONS BEFORE COMPLETING THIS REPORT

PART I: IDENTIFYING INFORMATION

Company Name: LaidLaw Waste Systems, Inc.

Permit No: 05115598-02

Premise Address: 13570 St. Charles Rock Road, Bridgeton, MO. 63044

Monitoring Period: ☐(JAN-MAR) ☒(APR-JUNE) ☐(JULY-SEPT) ☐(OCT-DEC)

Samples Collected By: Water Management Consultants, Inc. - John Regan

Analyses Performed By: Quanterra, Inc.

PART II: ANALYTICAL RESULTS OF SELF MONITORING * SP005 NOT SP001. FG

MSD SAMPLE POINT REFERENCE NUMBERS ——>		001						
DATES ON WHICH SAMPLES WERE COLLECTED ——>		5/13/97						
TIMES AT WHICH SAMPLES WERE COLLECTED ——>		1345						
PARAMETER	LIMIT	RECORD SAMPLE TYPES (G, C, M OR E) AND RESULTS BELOW G=grab, C=composite, M=measured flow, E=estimated flow						UNITS
FLOW		E	216000					GPD
Biological Oxygen Demand	—	G	52					mg/L
Chemical Oxygen Demand	—	G	310					mg/L
Oil and Grease (Total)	200	G	<5.0					mg/L
pH Acidic	5.5	G	6.5					S.U.
pH Basic	11.5	G	~					S.U.
Temperature	60	G	23.8					°C
Ammonia	—	G	2.0					mg/L
Total Suspended Solids	—	G	14					mg/L
Cadmium	0.7	G	<0.0050					mg/L
Chromium	5.0	G	0.016					mg/L
Copper	2.7	G	<0.025					mg/L
Lead	0.4	G	<0.0030					mg/L
Nickel	2.3	G	<0.040					mg/L
Zinc	3.0	G	<0.050					mg/L
Total toxic Organics	5.52	G	0.0022					mg/L
(1,4-Dichlorobenzene)		G	0.0022					mg/L

TTO = <0.01. SEE ATT. DATA. FG

You must complete and sign the certification statements on the reverse side.

* 8/12/97 PHONE CALL w/ MS. DOUMA (LAIDLAW) IDENTIFIED SP# MISTAKE. THESE DATA ARE FROM SP005. FG

NOTE: PHONE CONV. w/ MS. DOUMA ON 8/14/97 CONFIRMED THAT ALL SAMPLES WERE COLLECTED ERRONEOUSLY AS GRAB SAMPLES.

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AUG 13 1997
Environmental Compliance

MSD 022385

PART III: SPECIAL CERTIFICATION STATEMENTS

Based on the special conditions contained in your discharge permit you may be required to certify one or more of the following. Please review your permit and PLACE YOUR INITIALS IN THE BOXES NEXT TO THOSE CERTIFICATIONS WHICH ARE APPLICABLE TO YOUR FACILITY. If your permit contains no Special Conditions, then none of the certifications in PART III apply to you. GO ON TO PART IV.

A. If your permit special conditions waive monitoring at any sample point(s) specified in your permit, you are required to make the following certification:

☐ I certify, since the last discharge monitoring report, there has been no change in the character of the wastes discharged at sampling point(s) _____ .

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☐ I certify, since the last discharge monitoring report, there has been no change in the character of wastes discharged at those active connection points which are not specified in my permit .

C. If your permit special conditions waive monitoring at inactive connection points, you are required to make the following certification:

☐ I certify, since the permit issue date, there has been no change in the status of connection points identified as inactive. These points remain inactive and no discharge occurred during the period covered by this report.

D. If your permit special conditions authorize grab sample collection in lieu of composite sampling at any sample point(s), you are required to make the following certification:

☐ I certify the grab sample results in this report accurately represent our average daily discharge at sample point(s) _____ _____.

E. If your permit special conditions prohibit discharge of wastes which are subject to certain categorical pretreatment standards, you are required to make the following certification :

☐ I certify, since the last discharge monitoring report, there has been no discharge of wastes which are subject to pretreatment standards in 40 CFR _____.

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☐ Based on my inquiry of the person or persons directly responsible for managing compliance with the permit limitation for total toxic organics (TTO), I certify that, to the best of my knowledge and belief, no dumping of concentrated toxic organics into the wastewaters has occurred since filing the last discharge monitoring report. I further certify that this facility is implementing the toxic organic management plan submitted to MSD.

PART IV: GENERAL CERTIFICATION STATEMENTS

Initial the box for statement A if it applies to you. Everyone must complete the information under statement B and sign this report.

A. Discharges at sample points subject only to MSD Ordinance limits can be exempted from TTO monitoring subject to the following certification:

☐ In lieu of monitoring for TTO at sample point(s) _____ , I certify that to the best of my knowledge and belief, no toxic organics have been used at this premise or discharged into the wastewaters since filing of the last discharge monitoring report.

B. DISCHARGE MONITORING REPORT 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.

Print or type name of signing official: _____

Title: Gen Mgr Manager 97 Telephone: 239-1919

Signature: _____ Date: 7-2-97

SMF 1053

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AUG 13
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LAIDLAW WASTE SYSTEMS

Client Sample ID: 337-LEACH-0001-05/13/97

GC/MS Volatiles

Lot-Sample #...: A7E140155-002 **Work Order #...:** C9KHQ10E **Matrix.....:** WATER
Date Sampled...: 05/13/97 13:45 **Date Received..:** 05/14/97
Prep Date.....: 05/19/97 **Analysis Date..:** 05/19/97
Prep Batch #...: 7140184
Dilution Factor: 1

TTO_{005} = <0.01 mg/l
FG
8/13/97

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acrolein	ND	100	ug/L	CFR136A 624
Acrylonitrile	ND	100	ug/L	CFR136A 624
Benzene SP	ND	~~5.0~~ .01	ug/L	CFR136A 624
Dichlorobromomethane	ND	5.0	ug/L	CFR136A 624
Bromoform	ND	5.0	ug/L	CFR136A 624
Bromomethane	ND	10	ug/L	CFR136A 624
Carbon tetrachloride	ND	5.0	ug/L	CFR136A 624
Chlorobenzene SP	ND	~~5.0~~ .01	ug/L	CFR136A 624
Chlorodibromomethane	ND	5.0	ug/L	CFR136A 624
Chloroethane SP	ND	~~10~~ .01	ug/L	CFR136A 624
Chloroform	ND	5.0	ug/L	CFR136A 624
Chloromethane	ND	10	ug/L	CFR136A 624
1,1-Dichloroethane	ND	5.0	ug/L	CFR136A 624
1,2-Dichloroethane	ND	5.0	ug/L	CFR136A 624
1,1-Dichloroethene SP	ND	~~5.0~~ .01	ug/L	CFR136A 624
1,2-Dichloroethene SP (total)	ND	~~5.0~~ .01	ug/L	CFR136A 624
1,2-Dichloropropane	ND	5.0	ug/L	CFR136A 624
cis-1,3-Dichloropropene	ND	5.0	ug/L	CFR136A 624
trans-1,3-Dichloropropene	ND	5.0	ug/L	CFR136A 624
Ethylbenzene SP	ND	~~5.0~~ .01	ug/L	CFR136A 624
Methylene chloride SP	ND	~~10~~ .01	ug/L	CFR136A 624
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L	CFR136A 624
Tetrachloroethene	ND	5.0	ug/L	CFR136A 624
Toluene SP	ND	~~5.0~~ .01	ug/L	CFR136A 624
1,1,1-Trichloroethane	ND	5.0	ug/L	CFR136A 624
1,1,2-Trichloroethane	ND	5.0	ug/L	CFR136A 624
Trichloroethene SP	ND	~~5.0~~ .01	ug/L	CFR136A 624
Vinyl chloride SP	ND	~~10~~ .01	ug/L	CFR136A 624

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	88	(76 - 114)
Toluene-d8	100	(88 - 110)
Bromofluorobenzene	99	(86 - 115)

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AUG 13 1997
Environmental Compliance

LAIDLAW WASTE SYSTEMS

Client Sample ID: 337-LEACH-0001-05/13/97

GC/MS Semivolatiles

Lot-Sample #...: A7E140155-002 **Work Order #...:** C9KHQ10F **Matrix.....:** WATER
Date Sampled...: 05/13/97 13:45 **Date Received..:** 05/14/97
Prep Date.....: 05/19/97 **Analysis Date..:** 05/23/97
Prep Batch #...: 7139106
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acenaphthene	ND	10	ug/L	CFR136A 625
Acenaphthylene	ND	10	ug/L	CFR136A 625
Anthracene	ND	10	ug/L	CFR136A 625
Benzidine	ND	100	ug/L	CFR136A 625
Benzo(a)anthracene	ND	10	ug/L	CFR136A 625
Benzo(b)fluoranthene	ND	10	ug/L	CFR136A 625
Benzo(k)fluoranthene	ND	10	ug/L	CFR136A 625
Benzo(ghi)perylene	ND	10	ug/L	CFR136A 625
Benzo(a)pyrene	ND	10	ug/L	CFR136A 625
bis(2-Chloroethoxy) methane	ND	10	ug/L	CFR136A 625
bis(2-Chloroethyl) ether	ND	10	ug/L	CFR136A 625
bis(2-Chloroisopropyl) ether	ND	10	ug/L	CFR136A 625
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	CFR136A 625
4-Bromophenyl phenyl ether	ND	10	ug/L	CFR136A 625
Butyl benzyl phthalate	ND	10	ug/L	CFR136A 625
p-Chloro-m-cresol	ND	10	ug/L	CFR136A 625
2-Chloronaphthalene	ND	10	ug/L	CFR136A 625
2-Chlorophenol	ND	10	ug/L	CFR136A 625
4-Chlorophenyl phenyl ether	ND	10	ug/L	CFR136A 625
Chrysene	ND	10	ug/L	CFR136A 625
Dibenz(a,h)anthracene	ND	10	ug/L	CFR136A 625
Di-n-butyl phthalate	ND	10	ug/L	CFR136A 625
1,2-Dichlorobenzene	ND	10	ug/L	CFR136A 625
1,3-Dichlorobenzene	ND	10	ug/L	CFR136A 625
1,4-Dichlorobenzene	~~2.2~~ J ≤ .01	**10**	**ug/L**	**CFR136A 625**
3,3'-Dichlorobenzidine	ND	10	ug/L	CFR136A 625
2,4-Dichlorophenol	ND	10	ug/L	CFR136A 625
Diethyl phthalate	ND	10	ug/L	CFR136A 625
2,4-Dimethylphenol	ND	10	ug/L	CFR136A 625
Dimethyl phthalate	ND	10	ug/L	CFR136A 625
Di-n-octyl phthalate	ND	10	ug/L	CFR136A 625
4,6-Dinitro-o-cresol	ND	50	ug/L	CFR136A 625
2,4-Dinitrophenol	ND	50	ug/L	CFR136A 625
2,4-Dinitrotoluene	ND	10	ug/L	CFR136A 625

(Continued on next page)

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LAIDLAW WASTE SYSTEMS

Client Sample ID: 337-LEACH-0001-05/13/97

GC/MS Semivolatiles

Lot-Sample #...: A7E140155-002 **Work Order #...:** C9KHQ10F **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
2,6-Dinitrotoluene	ND	10	ug/L	CFR136A 625
1,2-Diphenylhydrazine	ND	10	ug/L	CFR136A 625
Fluoranthene	ND	10	ug/L	CFR136A 625
Fluorene	ND	10	ug/L	CFR136A 625
Hexachlorobenzene	ND	10	ug/L	CFR136A 625
Hexachlorobutadiene	ND	10	ug/L	CFR136A 625
Hexachlorocyclopentadiene	ND	10	ug/L	CFR136A 625
Hexachloroethane	ND	10	ug/L	CFR136A 625
Indeno(1,2,3-cd)pyrene	ND	10	ug/L	CFR136A 625
Isophorone	ND	10	ug/L	CFR136A 625
Naphthalene	ND	10	ug/L	CFR136A 625
Nitrobenzene	ND	10	ug/L	CFR136A 625
2-Nitrophenol	ND	10	ug/L	CFR136A 625
4-Nitrophenol	ND	50	ug/L	CFR136A 625
N-Nitrosodimethylamine	ND	10	ug/L	CFR136A 625
N-Nitrosodi-n-propylamine	ND	10	ug/L	CFR136A 625
N-Nitrosodiphenylamine	ND	10	ug/L	CFR136A 625
Pentachlorophenol	ND	50	ug/L	CFR136A 625
Phenanthrene	ND	10	ug/L	CFR136A 625
Phenol (5P)	ND	~~10~~ .01	ug/L	CFR136A 625
Pyrene	ND	10	ug/L	CFR136A 625
1,2,4-Trichlorobenzene	ND	10	ug/L	CFR136A 625
2,4,6-Trichlorophenol	ND	10	ug/L	CFR136A 625

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	87	(17 - 106)
Phenol-d5	70	(15 - 126)
2,4,6-Tribromophenol	101	(13 - 145)
Nitrobenzene-d5	87	(36 - 148)
2-Fluorobiphenyl	90	(38 - 106)
Terphenyl-d14	43	(10 - 169)

NOTE(S):

J Estimated result. Result is less than RL.

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LAIDLAW WASTE SYSTEMS

Client Sample ID: 337-LEACH-0001-05/13/97

General Chemistry

Lot-Sample #...: A7E140155-002 **Work Order #...:** C9KHQ **Matrix.....:** WATER
Date Sampled...: 05/13/97 13:45 **Date Received..:** 05/14/97

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Biochemical Oxygen Demand (BOD)	52	2	mg/L	MCAWW 405.1	05/14-05/19/97	7134258
	Dilution Factor: 1					
Chemical Oxygen Demand (COD)	310	10	mg/L	MCAWW 410.4	05/21/97	7141216
	Dilution Factor: 1					
Nitrogen, as Ammonia	180	2.0	mg/L	MCAWW 350.2	05/30/97	7150228
	Dilution Factor: 2					
Oil and Grease (Gravimetric)	ND	5.0	mg/L	MCAWW 413.1	05/28-05/29/97	7148249
	Dilution Factor: 1					
Total Suspended Solids	14	4.0	mg/L	MCAWW 160.2	05/19-05/20/97	7140276
	Dilution Factor: 1					

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LAIDLAW WASTE SYSTEMS

Client Sample ID: 337-LEACH-0001-05/13/97

TOTAL Metals

Lot-Sample #...: A7E140155-002 **Matrix.....:** WATER
Date Sampled...: 05/13/97 13:45 **Date Received..:** 05/14/97

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7135127						
Lead	ND	0.0030	mg/L	SW846 7421	05/15-05/16/97	C9KHQ10A
		Dilution Factor: 1				
Cadmium	ND	0.0050	mg/L	SW846 6010A	05/15-05/16/97	C9KHQ105
		Dilution Factor: 1				
Chromium	**0.016**	**0.010**	**mg/L**	**SW846 6010A**	**05/15-05/16/97**	**C9KHQ106**
		Dilution Factor: 1				
Copper	ND	0.025	mg/L	SW846 6010A	05/15-05/16/97	C9KHQ107
		Dilution Factor: 1				
Iron	**3.3**	**0.10**	**mg/L**	**SW846 6010A**	**05/15-05/16/97**	**C9KHQ101**
		Dilution Factor: 1				
Nickel	ND	0.040	mg/L	SW846 6010A	05/15-05/16/97	C9KHQ108
		Dilution Factor: 1				
Zinc	ND	0.050	mg/L	SW846 6010A	05/15-05/16/97	C9KHQ109
		Dilution Factor: 1				

NOT ON SMR, ENCODED.
FG

SOLID WASTE METHOD.

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LAIDLAW

LAIDLAW WASTE SYSTEMS INC.

July 3, 1997

Mr. Jim Bell
Chief, Enforcement Section, Solid Waste Management
Missouri Department of Natural Resources
PO Box 176
Jefferson City, MO 65102

Re: SEMI-ANNUAL LEACHATE & LEACHATE SLUDGE TESTING

Dear Mr. Bell:

Enclosed please find the semi-annual raw leachate and leachate sludge test results for the Bridgeton Sanitary Landfill as tested by Water Management Consultants, Inc. All of the analyzed parameters are in compliance.

Should you have any questions concerning this matter, please do not hesitate to call me at (314) 739-1919 Ext. 109.

Sincerely,

Jacinta Douma
Technical Administrative Assistant

cc: Mr. Brad Bomanz, St. Louis County Department of Health
Mr. Terry Hoevelkamp, MDNR St. Louis Region

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semiamd

13570 ST. CHARLES ROCK ROAD, BRIDGETON, MISSOURI 63044 (314) 739-1919

WATER
MANAGEMENT
CONSULTANTS

5958 MID RIVERS MALL DRIVE
ST. CHARLES, MISSOURI 63304, USA

TELEPHONE: (314) 939 4926
TELEFAX: (314) 939 9631

Mr. Larry Giroux
Laidlaw Waste Systems, Inc.
13570 St. Charles Rock Road
Bridgeton, Missouri 63044

June 26, 1997

Dear Mr. Giroux:

Laidlaw Waste Systems, Inc.
Bridgeton Landfill
May 1997 Leachate Sampling and Analysis

On May 13, 1997, Water Management Consultants, Inc. collected samples of the leachate pond, sludge from the leachate pond, and as required by the Bridgeton Landfill MSD permit, a sample of the leachate discharge to leachate manhole 005. The leachate pond and sludge samples were collected from the leachate pond just south of Old St. Charles Rock Road, and the MSD samples from the discharge line emptying into leachate manhole 005. The samples were analyzed by the Quanterra, Inc. laboratory in Earth City, Missouri.

The results indicate that all of the analyzed parameters are in compliance with your discharge permit. Attached to this letter are the MSD Self Monitoring Form, and the analytical results.

Please review and sign these reports prior to submittal to the MSD. If you have any questions regarding the information provided in this letter, please contact me.

Sincerely,

WATER MANAGEMENT CONSULTANTS, INC.

Ward Herst, CPHG, CEM
Operations Manager

Enclosures

cc: Jacinta Douma, Laidlaw Waste Systems, Inc.

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CG\C:\MY DOCUMENTS\LEACHATE SAMPLING REPORT.DOC

PLEASE PRINT OR TYPE

FOR SHIPMENTS WITHIN U.S. ONLY

1 FROM (Company): LAIDLAW WASTE SYST.
Street Address: 13570 ST CHARLES ROCK RD
City: BRIDGETON State: MO ZIP CODE (Required): 63044
Sent by: (Name/Dept.) Phone Number: 314-739-1919

2 TO (Company): MISSOURI DEPT. NATURAL RESOURCES
Street Address: 10805 SUNSET OFFICE DR
City: ST. LOUIS State: MO ZIP CODE (Required): 63127
Attention: (Name/Dept.) Phone Number (Important): TERRY HOEVELKAMP (314) 822-0101
Description

3 THANK YOU FOR SHIPPING WITH AIRBORNE EXPRESS
Sender's Signature: Jacinta Douma Date 7/7/97
Airborne Signature Route No. Date Time

Preprint Format No.: 3604301 Origin: STL Airbill Number: 6065033122

4 Method of Payment (Assumed sender unless otherwise noted)
- [ ] Bill Sender ▶ 41919815 Airborne Customer account no.
- [ ] Bill Receiver ▶ Airborne Customer account no.
- [ ] Bill 3rd Party ▶ Airborne Customer account no.
- [ ] Paid In Advance Check No. Amount $

Billing Reference will appear on invoice

5 Service Type: Please indicate service type by marking one box with an "X". Assumed Express service unless otherwise noted
- [X] Express
- [X] Next Afternoon (Letter - 5 lbs.)
- [X] Second Day

6 No. of Pkgs 7 Weight (lbs.) SUBJECT TO CORRECTION 8 Check if [ ] LETTER EXPRESS [ ] EXPRESS PACK

Special Instructions
- [ ] Saturday Delivery (Extra charge) (not available in all locations)
- [ ] Hold at Airborne
- [ ] Lab Pack

Declared Value [ ] or Full Insurance [ ] Shipment Valuation $

Received At [ ] Drop Box # [ ] Airborne Terminal

ABSENT A HIGHER SHIPMENT VALUATION, CARRIER'S LIABILITY IS LIMITED TO $100 PER PACKAGE, OR ACTUAL VALUE, WHICHEVER IS LESS, SPECIAL OR CONSEQUENTIAL DAMAGES ARE NOT RECOVERABLE. SEE TERMS AND CONDITIONS ON REVERSE SIDE OF THIS NON NEGOTIABLE AIRBILL. SCAC-AIRB FED I.D. NO. 91-0637469

AIRBORNE EXPRESS.
PO BOX 662, SEATTLE, WA 98111-0662

SENDER'S COPY

PLEASE PRINT OR TYPE

FOR SHIPMENTS WITHIN U.S. ONLY

1 FROM (Company): LAIDLAW WASTE SYST
Street Address: 13570 ST CHARLES ROCK RD
City: BRIDGETON State: MO ZIP CODE (Required): 63044
Sent by: (Name/Dept.) JACINTA DOUMA Phone Number: 314-739-1919

2 TO (Company): ST. LOUIS COUNTY DEPT OF HEALTH
Street Address: 111 SOUTH MERAMEC AVE
City: CLAYTON State: MO ZIP CODE (Required): 63105
Attention: (Name/Dept.) BRAD BOMANZ Phone Number (Important): (314) 854-6249
Description

3 THANK YOU FOR SHIPPING WITH AIRBORNE EXPRESS
Sender's Signature: Jacinta Douma Date 7/7/97
Airborne Signature Route No. Date Time

Preprint Format No.: 3604301 Origin: STL Airbill Number: 6065033026

4 Method of Payment (Assumed sender unless otherwise noted)
- [ ] Bill Sender ▶ 41919815 Airborne Customer account no.
- [ ] Bill Receiver ▶ Airborne Customer account no.
- [ ] Bill 3rd Party ▶ Airborne Customer account no.
- [ ] Paid In Advance Check No. Amount $

Billing Reference will appear on invoice

5 Service Type: Please indicate service type by marking one box with an "X". Assumed Express service unless otherwise noted
- [X] Express
- [X] Next Afternoon (Letter - 5 lbs.)
- [X] Second Day

6 No. of Pkgs 7 Weight (lbs.) SUBJECT TO CORRECTION 8 Check if [ ] LETTER EXPRESS [ ] EXPRESS PACK

Special Instructions
- [ ] Saturday Delivery (Extra charge) (not available in all locations)
- [ ] Hold at Airborne
- [ ] Lab Pack

Declared Value [ ] or Full Insurance [ ] Shipment Valuation $

Received At [ ] Drop Box # [ ] Airborne Terminal

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LAIDLAW

LAIDLAW WASTE SYSTEMS INC.

March 21, 1997

Mr. Gunter H. Durdel
Department of Environmental Compliance
10 East Grand Avenue
St. Louis, MO 63147-2913

Re: **QUARTERLY SELF-MONITORING REPORT**

Dear Mr. Durdel:

Enclosed please find the quarterly test results for the Bridgeton Sanitary Landfill MSD self monitoring requirements.

Should you have any questions concerning this matter, please do not hesitate to call me at (314) 739-1919 Ext. 101.

Sincerely,

Larry Giroux
General Manager

c: Mr. Brad Bomanz
St. Louis County DOH

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13570 ST. CHARLES ROCK ROAD, BRIDGETON, MISSOURI 63044 (314) 739-1919

Airborne Express Recv'd at 0920 hrs

METROPOLITAN ST. LOUIS SEWER DISTRICT
INDUSTRIAL USER SELF MONITORING REPORT

PLEASE READ THE INSTRUCTIONS BEFORE COMPLETING THIS REPORT

PART I: IDENTIFYING INFORMATION

Company Name: Laidlaw Waste Systems, Inc.

Permit No: 05115598-02

Premise Address: Bridgeton Landfill, 13570 St. Charles Rock Road, Bridgeton 63044

Monitoring Period: ☒(JAN-MAR) ☐(APR-JUNE) ☐(JULY-SEPT) ☐(OCT-DEC)

Samples Collected By: SCS Engineers, 125 N. Main St. St. Charles, MO 63301

Analyses Performed By: Quanterra Environmental Services, 4101 Shuffel Drive NW North Canton, OH 44720

PART II: ANALYTICAL RESULTS OF SELF MONITORING

MSD SAMPLE POINT REFERENCE NUMBERS ——>		005						
DATES ON WHICH SAMPLES WERE COLLECTED ——>		2/5 2 6 /97						
TIMES AT WHICH SAMPLES WERE COLLECTED ——>		1300 - 1230						
PARAMETER	LIMIT	RECORD SAMPLE TYPES (G, C, M OR E) AND RESULTS BELOW G=grab, C=composite, M=measured flow, E=estimated flow						UNITS
FLOW		M	434,400					gal/d
Biochemical Oxygen Demand	300	C	35					mg/l
Chemical Oxygen Demend	600	C	450					mg/l
Oil & Grease (Total)	200	G	< 5.0					mg/l
pH	5.5-11.5	G	7.60					SU
Temperature	60	G	6.5					Deg C
Ammonia (as N)	-	C	140					mg/l
Total Suspended Solids	350	C	34					mg/l
Cadmium (Total)	0.7	C	< 0.0050					mg/l
Chromium (Total)	5.0	C	0.015					mg/l
Copper (Total)	2.7	C	< 0.025					mg/l
Lead (Total)	0.4	C	< 0.0030					mg/l
Nickel (Total)	2.3	C	< 0.040					mg/l
Zinc (Total)	3.0	C	0.064					mg/l
Total Toxic Organics	5.52	G	Not Analyzed					mg/l

You must complete and sign the certification statements on the reverse side.

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MSD 022397

PART III: SPECIAL CERTIFICATION STATEMENTS

Based on the special conditions contained in your discharge permit you may be required to certify one or more of the following. Please review your permit and **PLACE YOUR INITIALS IN THE BOXES NEXT TO THOSE CERTIFICATIONS WHICH ARE APPLICABLE TO YOUR FACILITY.** If your permit contains no Special Conditions, then none of the certifications in **PART III** apply to you. **GO ON TO PART IV.**

A. If your permit special conditions waive monitoring at any sample point(s) specified in your permit, you are required to make the following certification:

☐ I certify, since the last discharge monitoring report, there has been no change in the character of the wastes discharged at sampling point(s) _____ .

B. If your permit special conditions waive monitoring at active connection points which are not specified as sample points in your permit, you are required to make the following certification:

☐ I certify, since the last discharge monitoring report, there has been no change in the character of wastes discharged at those active connection points which are not specified in my permit .

C. If your permit special conditions waive monitoring at inactive connection points, you are required to make the following certification:

☐ I certify, since the permit issue date, there has been no change in the status of connection points identified as inactive. These points remain inactive and no discharge occurred during the period covered by this report.

D. If your permit special conditions authorize grab sample collection in lieu of composite sampling at any sample point(s), you are required to make the following certification:

☐ I certify the grab sample results in this report accurately represent our average daily discharge at sample point(s) _____ _____.

E. If your permit special conditions prohibit discharge of wastes which are subject to certain categorical pretreatment standards, you are required to make the following certification :

☐ I certify, since the last discharge monitoring report, there has been no discharge of wastes which are subject to pretreatment standards in 40 CFR _____.

F. Discharges subject to Pharmaceutical Categorical Standards (40 CFR 439) can be exempted from limitations and monitoring for Total Cyanide at the Pharmaceutical sample point(s) subject to the following certification:

☐ I certify, since the last discharge monitoring report, cyanide has not been used or generated in any pharmaceutical manufacturing process subject to Categorical Standards in 40 CFR 439.

G. Discharges Subject to Categorical Standards for Electroplating (40 CFR 413), Metal Finishing (40 CFR 433) or Electrical & Electronic Components (40 CFR 469) can be exempted from TTO monitoring only at the Electroplating, Metal Finishing or Electrical & Electronic Components sample point(s) subject to the following certification:

☐ Based on my inquiry of the person or persons directly responsible for managing compliance with the permit limitation for total toxic organics (TTO), I certify that, to the best of my knowledge and belief, no dumping of concentrated toxic organics into the wastewaters has occurred since filing the last discharge monitoring report. I further certify that this facility is implementing the toxic organic management plan submitted to MSD.

PART IV: GENERAL CERTIFICATION STATEMENTS

Initial the box for statement A if it applies to you. **Everyone must complete the information under statement B and sign this report.**

A. Discharges at sample points subject only to MSD Ordinance limits can be exempted from TTO monitoring subject to the following certification:

☐ In lieu of monitoring for TTO at sample point(s) _____ , I certify that to the best of my knowledge and belief, no toxic organics have been used at this premise or discharged into the wastewaters since filing of the last discharge monitoring report.

B. **DISCHARGE MONITORING REPORT 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.

Print or type name of signing official: Larry Giroux

Title: General Manager Telephone: 314-739-1919

Signature: Larry Giroux Date: 3-21-97

MSD

LAIDLAW

LEACHATE MONITORING REPORT

Laidlaw Waste Systems, Inc.
Bridgeton Landfill
Bridgeton, Missouri

MDNR Permit No. 118912
MSD Discharge Permit No. 05115598-02

Prepared by:
SCS Engineers
125 North Main Street
Suite 101
St. Charles, MO 63301
(314)947-0201

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March 19, 1997
File No. 0896404.06

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Section		Page
1	Introduction	1
2	Monitoring Program	2
3	Discussion of Leachate Analyses	3

APPENDICES

Appendix	
A	MSD Reporting Form
B	Laboratory Report

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1 INTRODUCTION

The Bridgeton Landfill is located at 13570 St. Charles Rock Road in Bridgeton, Missouri. The landfill is located approximately 1.5 miles east of the Missouri River. The site is operated by Laidlaw Waste Systems (Bridgeton), Inc. The entire facility is known as the West Lake Landfill and includes approximately 212 acres of which approximately 52 acres are permitted as the Bridgeton Landfill. The Bridgeton landfill is located in a former quarry which ceased operations in 1988. Landfilling commenced in the former quarry in the late 1970's. Laidlaw began operating the site in 1988.

Leachate monitoring is required on a quarterly basis by Metropolitan St. Louis Sewer District (MSD) Discharge Permit No. 05115598-02.

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2 MONITORING PROGRAM

2.1 Monitoring Schedule

This report describes the first quarter of 1997 sampling event. Samples were obtained on February 5 and 6, 1997. The next quarterly sampling event will be about May 15, 1997.

2.2 Leachate Sampling

The leachate was collected in containers provided by Quanterra, Inc., preserved with the appropriate acid (if required), and placed in insulated coolers with ice. The temperature in the insulated containers was maintained as nearly as possible at 4 C. The leachate sample from the leachate manhole (005) was analyzed for the following parameters:

Biochemical Oxygen Demand	Ammonia
Chemical Oxygen Demand	Cadmium
Oil & Grease	Chromium
pH	Copper
Temperature	Lead
Total Suspended Solids	Nickel
	Zinc

2.3 Leachate Flow

The average leachate flow per day for the month of February 1997 was approximately 434,400 gallons.

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MSD 022402

3 DISCUSSION OF LEACHATE ANALYSES

3.1 Current Event

The leachate quality results for the sample from the leachate manhole (005) are provided on the MSD Monitoring Report contained in Appendix A. The results for all of the analyzed parameters are less than the limits for each parameter (as shown in the MSD Monitoring Report). The laboratory report for the leachate manhole sample (005) is contained in Appendix B.

3.2 Data Validation

According to the Quanterra quality control narrative (see Appendix B), all data comply with the laboratory QA/QC plan with the exception of the metals sample which was incorrectly preserved and was adjusted accordingly.

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APPENDIX A

MSD REPORTING FORM

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LAIDLAW

LAIDLAW WASTE SYSTEMS INC.

March 12, 1997

Mr. Fabian T. Grabski, Assistant Engineer
Metropolitan St. Louis Sewer District
Department of Environmental Compliance
10 East Grand Avenue
St. Louis, MO 63147-2913

Re: Discharge Permit No.: 05115598-02

Dear Mr. Grabski:

Enclosed are the corrected pages 5 and 6 to replace those of our original application. You will recall that the original application (incorrectly) specified a "suspected present" designation for two PCB compounds (1248 and 1260). As we discussed via telephone on February 21, 1997, these should have been marked "suspected absent". For completeness, I have had the leachate sampled specifically for these compounds and found that they are indeed absent (non-detect). Therefore, neither compound will be included in future TTO analyses.

I appreciate your assistance in this matter. Please contact me at your earliest convenience with any questions or concerns.

Sincerely,

LAIDLAW WASTE SYSTEMS, INC.

Charles Ketring, PG
Regional Environmental Manager

cc: Larry Giroux
Doug Borro
Greg Ribaudo

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13570 ST. CHARLES ROCK ROAD, BRIDGETON, MISSOURI 63044 (314) 739-1919

Metropolitan
St. Louis Sewer
District

Department of Environmental Compliance
10 East Grand Avenue
St. Louis, MO 63147-2913
(314) 436-8710
FAX (314) 436-8753

February 24, 1997

Chuck Ketring, P.G.
Environmental Manager
LAIDLAW WASTE SYSTEMS, INC.
13570 St. Charles Rock Road
Bridgeton, MO 63044

RE: Discharge Permit No: 05115598-02
For premise at: 13570 St. Charles Rock Road
Bridgeton, MO 63044

Dear Mr. Ketring:

It was a pleasure talking to you, via telephone, on February 21, 1997. During our conversation you indicated that the toxic organics PCB 1248 and PCB 1260 are suspected absent at above indicated premise, not suspected present as indicated in your September 17, 1996 Industrial User Questionnaire. Therefore, I am enclosing additional forms of pages 5 and 6 of the MSD Industrial User Questionnaire. Please review and complete Section E indicating the changed status of the PCBs.

If you indicate the PCBs are suspected or known absent in Section E, these compounds need not be included in annual monitoring and reporting of TTO at sampling point 005. Accordingly, the District's February 20, 1997 letter to Laidlaw, which required an explanation why the aforementioned compounds were not included in your reported annual TTO, will be satisfied with the submittal of updated pages 5 and 6 of the MSD Industrial User Questionnaire.

After completing pages 5 and 6, please sign and date each page at the bottom. Please return the white and yellow copies to us within 30 days after receipt of this letter.

If you should have any questions, please contact me at 436-8756.

Sincerely,
METROPOLITAN ST. LOUIS SEWER DISTRICT

Fabian T. Grabski
Assistant Engineer

rmk
Enclosures

Metropolitan
St. Louis Sewer
District

Department of Environmental Compliance
10 East Grand Avenue
St. Louis, MO 63147-2913
(314) 436-8710
FAX (314) 436-8753

February 20, 1997

Larry Giroux
Sr. Division General Manager
LAIDLAW WASTE SYSTEMS, INC.
13570 St. Charles Rock Road
Bridgeton, MO 63044

RE: Discharge Permit No: 05115598-02
For premise at: 13570 St. Charles Rock Road
Bridgeton, MO 63044

Dear Mr. Giroux:

The District received your fourth quarter, 1996 self monitoring report on February 12, 1997. A review of this report indicates that you reported annual TTO for sampling point 001 pursuant to your permit's conditions and requirements.

Pursuant to Laidlaw Waste System's September 17, 1996 permit application, PCB 1248 and PCB 1260 are suspected present on your premise. The laboratory sheets provided with your report indicate that analyses for these compounds were not performed.

Since the TTO analytical provided does not include the aforementioned compounds, we request that you advise us, in writing, by March 17, 1997 explaining their absence in the TTO analyses.

If you have any questions please contact me at 436-8756.

Sincerely,
METROPOLITAN ST. LOUIS SEWER DISTRICT

Fabian T. Grabski
Assistant Engineer

ph

pc: Suspense file

FEBRUARY 12, 1997

Mr. Gunter H. Durdel
Department of Environmental Compliance
10 East Grand Avenue
St. Louis, MO 63147-2913

Re: **QUARTERLY SELF-MONITORING REPORT**

Dear Mr. Durdel:

Enclosed please find the quarterly test results for the Bridgeton Sanitary Landfill MSD self monitoring requirements.

Should you have any questions concerning this matter, please do not hesitate to call me at (314) 739-1919 Ext. 109.

Sincerely,

Tim Johnson

Tim Johnson
Operations Manager

c: Mr. Brad Bomanz

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FEB 13 1997
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4thmsd

Solid Waste Management Program
2nd & 4th Quarter Groundwater Monitoring Report

RECEIVED
FEB 13 1997
Environmental Compliance

Facility: Westlake Sanitary Landfill Permit No: 118912 Well No: 1201

Laboratory Information

Lab Name: Quanterra Incorporated Phone: (330) 497-9396
Lab Address: 4101 Shuffel Drive N.W. City: North Canton State: Ohio Zip: 44720
Supervisor's Sig: Denise Pohl 12-26-96 Owner/Operator's Sig:
Date Received by Lab: 11/27/96
Samples Rec'd Properly Preserved: ☒ Yes ☐ No Analyzed within Holding Time: ☒ Yes ☐ No

Notes: QL = The reasonably acceptable quantitative limit for parameters in units specified. For lower values, place a less than sign (<) in front of values. DO NOT field filter when collecting samples. Report field observations prior to purging and prior to sampling. MSL = MeanSea Level. Circle all applicable responses. Provide additional comments on back of forms. Analyze metals as Total Recoverable.

Ca (Calcium)	67.8	mg/l	Bromodichloromethane	<1.0	ug/l
Cl (Chlorides)	33	mg/l	Tribromomethane	<1.0	ug/l
Cu (Copper)	<0.025	mg/l	Carbon Disulfide	<1.0	ug/l
F (Fluoride)	0.4	mg/l	Carbon Tetrachloride	<1.0	ug/l
Hg (Mercury)	<0.0002	mg/l	Chlorobenzene	<1.0	ug/l
Mg (Magnesium)	17.5	mg/l	Chloroethane	<2.0	ug/l
Na (Sodium)	18.4	mg/l	Trichloromethane	<1.0	ug/l
P (Total Phosphorous)	0.2	mg/l	Chlorodibromomethane	<1.0	ug/l
NH_3 (Ammonia as N)	<0.2	mg/l	1,2-Dibromo-3-chloropropane	<2.0	ug/l
NO_3/NO_2 (Nitrate/Nitrite as N)	<0.1	mg/l	1,2-Dibromoethane	<1.0	ug/l
SO_4 (Sulfate)	140	mg/l	1,2-Dichlorobenzene	<1.0	ug/l
COD (Chemical Oxygen Demand)	147	mg/l	1,4-Dichlorobenzene	<1.0	ug/l
TDS (Total Dissolved Solids)	400	mg/l	trans-1,4-Dichloro-2-butene	<1.0	ug/l
TOC (Total Organic Carbon)	8	mg/l	1,1-Dichloroethane	<1.0	ug/l
Total Hardness (Calculated):	290	mg/l	1,2-Dichloroethane	<1.0	ug/l
Sb (Antimony)	<10	ug/l	1,1-Dichloroethene	<1.0	ug/l
As (Arsenic)	<10	ug/l	cis-1,2-Dichloroethene	<0.5	ug/l
Ba (Barium)	<200	ug/l	trans-1,2-Dichloroethene	<0.5	ug/l
Be (Beryllium)	<5.0	ug/l	1,2-Dichloropropane	<1.0	ug/l
B (Boron)	<100	ug/l	cis-1,3-Dichloropropene	<1.0	ug/l
Cd (Cadmium)	<1.0	ug/l	trans-1,3-Dichloropropene	<1.0	ug/l
Cr (Chromium)	<10	ug/l	Ethylbenzene	<1.0	ug/l
Co (Cobalt)	<50	ug/l	2-Hexanone	<5.0	ug/l
Fe (Iron)	2300	ug/l	Bromomethane	<2.0	ug/l
Pb (Lead)	<3.0	ug/l	Chloromethane	<2.0	ug/l
Mn (Manganese)	38	ug/l	Dibromomethane	<1.0	ug/l
Ni (Nickel)	<40	ug/l	Dichloromethane	<1.0	ug/l
Se (Selenium)	<5.0	ug/l	2-Butanone	<5.0	ug/l
Ag (Silver)	<10	ug/l	Iodomethane	<1.0	ug/l
Tl (Thallium)	<10	ug/l	4-Methyl-2-pentanone	<5.0	ug/l
V (Vanadium)	<50	ug/l	Styrene	<1.0	ug/l
Zn (Zinc)	<50	ug/l	1,1,1,2-Tetrachloroethane	<1.0	ug/l
Acetone	<10	ug/l	1,1,2,2-Tetrachloroethane	<1.0	ug/l
Acrylonitrile	<20	ug/l	Tetrachloroethene	<1.0	ug/l
Benzene	<1.0	ug/l	Toluene	2.7	ug/l
Bromochloromethane	<1.0	ug/l	1,1,1-Trichloroethane	<1.0	ug/l

GROUNDWATER SAMPLE RESULTS. DISREGARD.
FG 2/12/97

RECEIVED
FEB 13 1997
Environmental Compliance

METROPOLITAN ST. LOUIS SEWER DISTRICT
INDUSTRIAL USER SELF MONITORING REPORT

PLEASE READ THE INSTRUCTIONS BEFORE COMPLETING THIS REPORT

PART I: IDENTIFYING INFORMATION

Company Name: LAIDLAW WASTE SYSTEMS, INC.

Permit No: 05115598-02

Premise Address: BRIDGETON LANDFILL, 13570 ST. CHARLES ROCK ROAD, BRIDGETON, MO 63044

Monitoring Period: ☐(JAN-MAR) ☐(APR-JUNE) ☐(JULY-SEPT) ☒(OCT-DEC)

Samples Collected By: SCS Engineers, 125 N. Main St., Suite 100, St. Charles, MO 63301

Analyses Performed By: Quanterra Environmental Services, 4101 Shuffel Dr. NW., N. Canton, OH 44720

PART II: ANALYTICAL RESULTS OF SELF MONITORING

MSD SAMPLE POINT REFERENCE NUMBERS ——>		001						
DATES ON WHICH SAMPLES WERE COLLECTED ——>		11/25/96 - 11/26/96						
TIMES AT WHICH SAMPLES WERE COLLECTED ——>		12:00, 1400, 900,		1400				
PARAMETER	LIMIT	RECORD SAMPLE TYPES (G, C, M OR E) AND RESULTS BELOW G=grab, C=composite, M=measured flow, E=estimated flow						UNITS
FLOW		M	134,457.0					gal/day
BIOCHEMICAL OXYGEN DEMAND	300	C	<2.0					MG/L
CHEMICAL OXYGEN DEMAND	600	C	250					MG/L
OIL & GREASE(TOTAL)	200	G	<5.0					MG/L
PH	5.5-11.5	G	6.2					SU
TEMPERATURE	60	G	~~74.2~~ 6.67°C					DEG C
TOTAL SUSPENDED SOLIDS	350	C	16.0					MG/L
AMMONIA(AS N)	-	C	<1.0					MG/L
IRON(TOTAL)	25	C	1.9					MG/L
CADMIUM(TOTAL)	0.4	C	<0.005					MG/L
CHROMIUM(TOTAL)	5	C	0.015					MG/L
COPPER(TOTAL)	1.5	C	<0.025					MG/L
LEAD(TOTAL)	0.2	C	<0.003					MG/L
NICKEL(TOTAL)	1	C	<0.04					MG/L
ZINC(TOTAL)	3	C	<0.05					MG/L
TOTAL TOXIC ORGANICS	5.52	G	<0.010	OK FC 2/14/97				MG/L

You must complete and sign the certification statements on the reverse side.

MSD 022410

PART III: SPECIAL CERTIFICATION STATEMENTS

Based on the special conditions contained in your discharge permit you may be required to certify one or more of the following. Please review your permit and PLACE YOUR INITIALS IN THE BOXES NEXT TO THOSE CERTIFICATIONS WHICH ARE APPLICABLE TO YOUR FACILITY. If your permit contains no Special Conditions, then none of the certifications in PART III apply to you. GO ON TO PART IV.

A. If your permit special conditions waive monitoring at any sample point(s) specified in your permit, you are required to make the following certification:

☐ I certify, since the last discharge monitoring report, there has been no change in the character of the wastes discharged at sampling point(s) _____.

B. If your permit special conditions waive monitoring at active connection points which are not specified as sample points in your permit, you are required to make the following certification:

☐ I certify, since the last discharge monitoring report, there has been no change in the character of wastes discharged at those active connection points which are not specified in my permit.

C. If your permit special conditions waive monitoring at inactive connection points, you are required to make the following certification:

☐ I certify, since the permit issue date, there has been no change in the status of connection points identified as inactive. These points remain inactive and no discharge occurred during the period covered by this report.

D. If your permit special conditions authorize grab sample collection in lieu of composite sampling at any sample point(s), you are required to make the following certification:

☐ I certify the grab sample results in this report accurately represent our average daily discharge at sample point(s) _____.

E. If your permit special conditions prohibit discharge of wastes which are subject to certain categorical pretreatment standards, you are required to make the following certification:

☐ I certify, since the last discharge monitoring report, there has been no discharge of wastes which are subject to pretreatment standards in 40 CFR _____.

F. Discharges subject to Pharmaceutical Categorical Standards (40 CFR 439) can be exempted from limitations and monitoring for Total Cyanide at the Pharmaceutical sample point(s) subject to the following certification:

☐ I certify, since the last discharge monitoring report, cyanide has not been used or generated in any pharmaceutical manufacturing process subject to Categorical Standards in 40 CFR 439.

G. Discharges Subject to Categorical Standards for Electroplating (40 CFR 413), Metal Finishing (40 CFR 433) or Electrical & Electronic Components (40 CFR 469) can be exempted from TTO monitoring only at the Electroplating, Metal Finishing or Electrical & Electronic Components sample point(s) subject to the following certification:

☐ Based on my inquiry of the person or persons directly responsible for managing compliance with the permit limitation for total toxic organics (TTO), I certify that, to the best of my knowledge and belief, no dumping of concentrated toxic organics into the wastewaters has occurred since filing the last discharge monitoring report. I further certify that this facility is implementing the toxic organic management plan submitted to MSD.

PART IV: GENERAL CERTIFICATION STATEMENTS

Initial the box for statement A if it applies to you. Everyone must complete the information under statement B and sign this report.

A. Discharges at sample points subject only to MSD Ordinance limits can be exempted from TTO monitoring subject to the following certification:

☐ In lieu of monitoring for TTO at sample point(s) _____, I certify that to the best of my knowledge and belief, no toxic organics have been used at this premise or discharged into the wastewaters since filing of the last discharge monitoring report.

B. DISCHARGE MONITORING REPORT 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.

Print or type name of signing official: Larry Girouk

Title: Sr. Div. Gen Man. Telephone: 314-739-1919

Signature: [signature] Date: 1-1-97

Quanterra Environmental Services

LAIDLAW WASTE SYSTEMS

Client Sample ID: 337-LEACH-0001-11/25/96

GC/MS Volatiles

Lot-Sample #...: A6K270132-002 Work Order #...: C73XA102 Matrix.....: WATER
Date Sampled...: 11/25/96 14:00 Date Received..: 11/27/96
Prep Date.....: 12/03/96 Analysis Date..: 12/03/96
Prep Batch #...: 6339165
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acrolein	ND	100	ug/L	CFR136A 624
Acrylonitrile	ND	100	ug/L	CFR136A 624
Benzene SP	~~ND~~	~~5.0~~ ≤.01	ug/L	CFR136A 624
Dichlorobromomethane	ND	5.0	ug/L	CFR136A 624
Bromoform	ND	5.0	ug/L	CFR136A 624
Bromomethane	ND	10	ug/L	CFR136A 624
Carbon tetrachloride	ND	5.0	ug/L	CFR136A 624
Chlorobenzene SP	~~ND~~	~~5.0~~ ≤.01	ug/L	CFR136A 624
Chlorodibromomethane	ND	5.0	ug/L	CFR136A 624
Chloroethane SP	~~ND~~	~~10~~ ≤.01	ug/L	CFR136A 624
Chloroform	ND	5.0	ug/L	CFR136A 624
Chloromethane	ND	10	ug/L	CFR136A 624
1,1-Dichloroethane	ND	5.0	ug/L	CFR136A 624
1,2-Dichloroethane	ND	5.0	ug/L	CFR136A 624
1,1-Dichloroethene SP	~~ND~~	~~5.0~~ ≤.01	ug/L	CFR136A 624
1,2-Dichloroethene SP (total)	~~ND~~	~~5.0~~ ≤.01	ug/L	CFR136A 624
1,2-Dichloropropane	ND	5.0	ug/L	CFR136A 624
cis-1,3-Dichloropropene	ND	5.0	ug/L	CFR136A 624
trans-1,3-Dichloropropene	ND	5.0	ug/L	CFR136A 624
Ethylbenzene SP	~~ND~~	~~5.0~~ ≤.01	ug/L	CFR136A 624
Methylene chloride SP	~~ND~~	~~10~~ ≤.01	ug/L	CFR136A 624
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L	CFR136A 624
Tetrachloroethene	ND	5.0	ug/L	CFR136A 624
Toluene SP	~~ND~~	~~5.0~~ ≤.01	ug/L	CFR136A 624
1,1,1-Trichloroethane	ND	5.0	ug/L	CFR136A 624
1,1,2-Trichloroethane	ND	5.0	ug/L	CFR136A 624
Trichloroethene SP	~~ND~~	~~5.0~~ ≤.01	ug/L	CFR136A 624
Vinyl chloride SP	~~ND~~	~~10~~ ≤.01	ug/L	CFR136A 624

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	95	(76 - 114)
Toluene-d8	105	(88 - 110)
Bromofluorobenzene	94	(86 - 115)

Quanterra Environmental Services

LAIDLAW WASTE SYSTEMS

Client Sample ID: 337-LEACH-0001-11/25/96

GC/MS Semivolatiles

Lot-Sample #...: A6K270132-002 Work Order #...: C73XA103 Matrix.....: WATER
Date Sampled...: 11/25/96 14:00 Date Received..: 11/27/96
Prep Date.....: 12/01/96 Analysis Date..: 12/08/96
Prep Batch #...: 6336105
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acenaphthene	ND	10	ug/L	CFR136A 625
Acenaphthylene	ND	10	ug/L	CFR136A 625
Anthracene	ND	10	ug/L	CFR136A 625
Benzidine	ND	100	ug/L	CFR136A 625
Benzo(a)anthracene	ND	10	ug/L	CFR136A 625
Benzo(b)fluoranthene	ND	10	ug/L	CFR136A 625
Benzo(k)fluoranthene	ND	10	ug/L	CFR136A 625
Benzo(ghi)perylene	ND	10	ug/L	CFR136A 625
Benzo(a)pyrene	ND	10	ug/L	CFR136A 625
bis(2-Chloroethoxy) methane	ND	10	ug/L	CFR136A 625
bis(2-Chloroethyl) ether	ND	10	ug/L	CFR136A 625
bis(2-Chloroisopropyl) ether	ND	10	ug/L	CFR136A 625
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	CFR136A 625
4-Bromophenyl phenyl ether	ND	10	ug/L	CFR136A 625
Butyl benzyl phthalate	ND	10	ug/L	CFR136A 625
p-Chloro-m-cresol	ND	10	ug/L	CFR136A 625
2-Chloronaphthalene	ND	10	ug/L	CFR136A 625
2-Chlorophenol	ND	10	ug/L	CFR136A 625
4-Chlorophenyl phenyl ether	ND	10	ug/L	CFR136A 625
Chrysene	ND	10	ug/L	CFR136A 625
Dibenz(a,h)anthracene	ND	10	ug/L	CFR136A 625
Di-n-butyl phthalate	ND	10	ug/L	CFR136A 625
1,2-Dichlorobenzene	ND	10	ug/L	CFR136A 625
1,3-Dichlorobenzene	ND	10	ug/L	CFR136A 625
1,4-Dichlorobenzene	~~2.8 J~~ <.01	10	ug/L	CFR136A 625
3,3'-Dichlorobenzidine	ND	10	ug/L	CFR136A 625
2,4-Dichlorophenol	ND	10	ug/L	CFR136A 625
Diethyl phthalate	ND	10	ug/L	CFR136A 625
2,4-Dimethylphenol	ND	10	ug/L	CFR136A 625
Dimethyl phthalate	ND	10	ug/L	CFR136A 625
Di-n-octyl phthalate	ND	10	ug/L	CFR136A 625
4,6-Dinitro-o-cresol	ND	50	ug/L	CFR136A 625
2,4-Dinitrophenol	ND	50	ug/L	CFR136A 625
2,4-Dinitrotoluene	ND	10	ug/L	CFR136A 625

(Continued on next page)

Quanterra Environmental Services

LAIDLAW WASTE SYSTEMS

Client Sample ID: 337-LEACH-0001-11/25/96

GC/MS Semivolatiles

Lot-Sample #...: A6K270132-002 Work Order #...: C73XA103 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
2,6-Dinitrotoluene	ND	10	ug/L	CFR136A 625
1,2-Diphenylhydrazine	ND	10	ug/L	CFR136A 625
Fluoranthene	ND	10	ug/L	CFR136A 625
Fluorene	ND	10	ug/L	CFR136A 625
Hexachlorobenzene	ND	10	ug/L	CFR136A 625
Hexachlorobutadiene	ND	10	ug/L	CFR136A 625
Hexachlorocyclopentadiene	ND	10	ug/L	CFR136A 625
Hexachloroethane	ND	10	ug/L	CFR136A 625
Indeno(1,2,3-cd)pyrene	ND	10	ug/L	CFR136A 625
Isophorone	ND	10	ug/L	CFR136A 625
Naphthalene	ND	10	ug/L	CFR136A 625
Nitrobenzene	ND	10	ug/L	CFR136A 625
2-Nitrophenol	ND	10	ug/L	CFR136A 625
4-Nitrophenol	ND	50	ug/L	CFR136A 625
N-Nitrosodimethylamine	ND	10	ug/L	CFR136A 625
N-Nitrosodi-n-propylamine	ND	10	ug/L	CFR136A 625
N-Nitrosodiphenylamine	ND	10	ug/L	CFR136A 625
Pentachlorophenol	ND	50	ug/L	CFR136A 625
Phenanthrene	ND	10	ug/L	CFR136A 625
Phenol SP	ND	~~10~~ 5.01	ug/L	CFR136A 625
Pyrene	ND	10	ug/L	CFR136A 625
1,2,4-Trichlorobenzene	ND	10	ug/L	CFR136A 625
2,4,6-Trichlorophenol	ND	10	ug/L	CFR136A 625

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	51	(17 - 106)
Phenol-d5	43	(15 - 126)
2,4,6-Tribromophenol	56	(13 - 145)
Nitrobenzene-d5	58	(36 - 148)
2-Fluorobiphenyl	67	(38 - 106)
Terphenyl-d14	15	(10 - 169)

NOTE(S):

J Estimated result. Result is less than RL.

MEMORANDUM

FROM : FABIAN GRABSKI

TO : PERMIT FILE

RE : LAIDLAW WASTE SYSTEMS, INC.
13570 St. CHARLES ROCK ROAD
BRIDGETON, MO 63044
PERMIT: 05115598-02
DATE: JANUARY 24, 1997

On January 10, 1997, I issued a draft renewal industrial wastewater discharge permit to Laidlaw. The draft permit deleted sampling point 001 and added sampling point 005 due to a change in sampling point location.

On January 15, 1997, Charles Ketring (Laidlaw) telephoned requesting that sampling point 001 be retained. At that time I asked that he submit a written request outlining the reasons for the request.

On January 16, 1997 the District received Laidlaw's letter. The letter indicated that during summer of 1997, a sanitary sewer project will be undertaken at the facility that will result in a new disposal configuration. Apparently, he believed that the new sampling point location with interfere with the proposed project.

On January 23, 1997, Mr. Ketring telephoned and nullified his request. He discovered that the new sampling point location would not interfere with their proposed project. Therefore, the final permit will remain consistent with the draft permit mentioned above.

LAIDLAW

LAIDLAW WASTE SYSTEMS INC.

January 15, 1997

Mr. Fabian T. Grabski, Assistant Engineer
Metropolitan St. Louis Sewer District
Department of Environmental Compliance
10 East Grand Avenue
St. Louis, MO 63147-2913

Re: DRAFT Discharge Permit No.: 05115598-02

Dear Mr. Grabski:

We are in receipt of the draft discharge permit for Laidlaw Waste System's Bridgeton Landfill, located at 13570 St. Charles Rock Road. We have reviewed the permit and request that the change in sampling location be reconsidered.

Bridgeton Landfill has been working on a project that would result in a gravity-feed discharge line along Old St. Charles Rock Road or an upgraded pump station to the Bonfils force main. It is being designed by Stock & Associates (George M. Stock, PE) and coordinated with MSD's Marie Collins. The project should be underway by mid-summer.

Since the project would result in a new disposal configuration, we request that the current sampling point be retained until the new connections are in service. I will be available to discuss this request with you at your convenience.

Can we sample?

Sincerely,

LAIDLAW WASTE SYSTEMS, INC.

Charles Ketring, PG
Regional Environmental Manager

RECEIVED
JAN 16 1997
Environmental Compliance

cc: Larry Giroux

13570 ST. CHARLES ROCK ROAD, BRIDGETON, MISSOURI 63044 (314) 739-1919
x107

LAIDLAW

LAIDLAW WASTE SYSTEMS INC.

FAX

Date: 10-18-96

Number of pages including cover sheet: 2

To:
DEPARTMENT OF ENVIRONMENTAL COMP

Phone:

Fax phone: 436-8753

CC: MR. Gunter H. Durdel

From:
LAIDLAW WASTE SYSTEM

Tim Johnson

Phone: 314 / 739-1919

Fax phone: 314 / 739-2588

REMARKS: ☐ Urgent ☐ For your review ☐ Reply ASAP ☐ Please comment

13570 ST. CHARLES ROCK ROAD, BRIDGETON, MISSOURI 63044 (314) 739-1919

TEL: Oct 18 96 11:11 No.004 P.01

October 18, 1996

Mr. Gunter H. Durdel
Department of Environmental Compliance
10 East Grand Avenue
St. Louis, MO 63147-2913

Nov 95 1,233,610

RE: Monthly Discharge Report

Dec 95 88,580

Here are the discharge readings for the months of 1996 that we discussed on the telephone 10/18/96.

January : meter was down

February: 9,969,000	May: 10,269,200	August: 10,609,000
March: 3,532,840	June: 10,977,800	September:6,176,000
April: 4,735,410	July: 9,689,100	

Should you have any questions concerning this matter, please do not hesitate to call me at (314) 739-1919 Ext. 109.

Sincerely,

67,280,340 1205
= 220.59

Tim Johnson
Operations Manager

4thmsd

TEL: Oct 18 96 11:12 No.004 P.02

LAIDLAW

LAIDLAW WASTE SYSTEMS INC.

September 18, 1996

Mr. Gunter H. Durdel, Assistant Engineer
Metropolitan St. Louis Sewer District
Department of Environmental Compliance
10 East Grand Avenue
St. Louis, MO 63147-2913

Re: Discharge Permit No.: 05115598-02

Dear Mr. Durdel:

Enclosed is an application for renewal of the referenced discharge permit, for the premise at 13570 St. Charles Rock Road, Bridgeton, MO.

Please contact me at your earliest convenience with any questions or comments. Thank you.

Sincerely,

LAIDLAW WASTE SYSTEMS, INC.

Charles Ketring, PG
Environmental Manager

RECEIVED
SEP 2 3 1996
Environmental Compliance

13570 ST. CHARLES ROCK ROAD, BRIDGETON, MISSOURI 63044 (314) 739-1919

LAIDLAW

LAIDLAW WASTE SYSTEMS INC.

SEPTEMBER 12, 1996

Mr. Gunter H. Durdel
Department of Environmental Compliance
10 East Grand Avenue
St. Louis, MO 63147-2913

Re: **QUARTERLY SELF-MONITORING REPORT**

Dear Mr. Durdel:

Enclosed please find the quarterly test results for the Bridgeton Sanitary Landfill MSD self monitoring requirements.

Should you have any questions concerning this matter, please do not hesitate to call me at (314) 739-1919 Ext. 109.

Sincerely,

Tim Johnson
Operations Manager

c: Mr. Brad Bomanz

RECEIVED
SEP 1 6 1996
Environmental Compliance

4thmsd

13570 ST. CHARLES ROCK ROAD, BRIDGETON, MISSOURI 63044 (314) 739-1919

METROPOLITAN ST. LOUIS SEWER DISTRICT
INDUSTRIAL USER SELF MONITORING REPORT

PLEASE READ THE INSTRUCTIONS BEFORE COMPLETING THIS REPORT

RECEIVED
SEP 16 1996
Environmental Compliance

PART I: IDENTIFYING INFORMATION

Company Name: LAIDLAW WASTE SYSTEMS, INC.

Permit No: 05115598-02

Premise Address: BRIDGETON LANDFILL, 13570 ST. CHARLES ROCK ROAD, BRIDGETON, MO 63044

Monitoring Period: ☐(JAN-MAR) ☐(APR-JUNE) ☒(JULY-SEPT) ☐(OCT-DEC)

Samples Collected By: SCS Engineers, 125 N. Main, Suite 101, St. Charles, MO 63301

Analyses Performed By: Quanterra Environmental Services, Inc., 4101 Shuffel Dr. NW N. Canton, OH 44720

PART II: ANALYTICAL RESULTS OF SELF MONITORING

MSD SAMPLE POINT REFERENCE NUMBERS ——>		001					
DATES ON WHICH SAMPLES WERE COLLECTED ——>		8/14/96		8/15/96			
TIMES AT WHICH SAMPLES WERE COLLECTED ——>		1600		1400			
PARAMETER	LIMIT	RECORD SAMPLE TYPES (G, C, M OR E) AND RESULTS BELOW G=grab, C=composite, M=measured flow, E=estimated flow					UNITS
FLOW			344,838				gal/day
BIOCHEMICAL OXYGEN DEMAND	300	C	38				MG/L
CHEMICAL OXYGEN DEMAND	600	C	300				MG/L
OIL & GREASE(TOTAL)	200	G	<5.0				MG/L
PH	5.5-11.5	G	8.01				SU
TEMPERATURE	60	G	29.4				DEG C
TOTAL SUSPENDED SOLIDS	350	C	22.0				MG/L
AMMONIA(AS N)	-	C	140				MG/L
IRON(TOTAL)	25	C	2.2				MG/L
CADMIUM(TOTAL)	0.4	C	<0.0050				MG/L
CHROMIUM(TOTAL)	5	C	0.021				MG/L
COPPER(TOTAL)	1.5	C	<0.025				MG/L
LEAD(TOTAL)	0.2	C	<0.0030				MG/L
NICKEL(TOTAL)	1	C	<0.040				MG/L
ZINC(TOTAL)	3	C	<0.050				MG/L
TOTAL TOXIC ORGANICS	5.52	G	Not Analyzed				MG/L

You must complete and sign the certification statements on the reverse side.

PART III: SPECIAL CERTIFICATION STATEMENTS

Based on the special conditions contained in your discharge permit you may be required to certify one or more of the following. Please review your permit and PLACE YOUR INITIALS IN THE BOXES NEXT TO THOSE CERTIFICATIONS WHICH ARE APPLICABLE TO YOUR FACILITY. If your permit contains no Special Conditions, then none of the certifications in PART III apply to you. GO ON TO PART IV.

A. If your permit special conditions waive monitoring at any sample point(s) specified in your permit, you are required to make the following certification:

☐ I certify, since the last discharge monitoring report, there has been no change in the character of the wastes discharged at sampling point(s) _____ .

B. If your permit special conditions waive monitoring at active connection points which are not specified as sample points in your permit, you are required to make the following certification:

☐ I certify, since the last discharge monitoring report, there has been no change in the character of wastes discharged at those active connection points which are not specified in my permit .

C. If your permit special conditions waive monitoring at inactive connection points, you are required to make the following certification:

☐ I certify, since the permit issue date, there has been no change in the status of connection points identified as inactive. These points remain inactive and no discharge occurred during the period covered by this report.

D. If your permit special conditions authorize grab sample collection in lieu of composite sampling at any sample point(s), you are required to make the following certification:

☐ I certify the grab sample results in this report accurately represent our average daily discharge at sample point(s) _____ _____.

E. If your permit special conditions prohibit discharge of wastes which are subject to certain categorical pretreatment standards, you are required to make the following certification :

☐ I certify, since the last discharge monitoring report, there has been no discharge of wastes which are subject to pretreatment standards in 40 CFR _____.

F. Discharges subject to Pharmaceutical Categorical Standards (40 CFR 439) can be exempted from limitations and monitoring for Total Cyanide at the Pharmaceutical sample point(s) subject to the following certification:

☐ I certify, since the last discharge monitoring report, cyanide has not been used or generated in any pharmaceutical manufacturing process subject to Categorical Standards in 40 CFR 439.

G. Discharges Subject to Categorical Standards for Electroplating (40 CFR 413), Metal Finishing (40 CFR 433) or Electrical & Electronic Components (40 CFR 469) can be exempted from TTO monitoring only at the Electroplating, Metal Finishing or Electrical & Electronic Components sample point(s) subject to the following certification:

☐ Based on my inquiry of the person or persons directly responsible for managing compliance with the permit limitation for total toxic organics (TTO), I certify that, to the best of my knowledge and belief, no dumping of concentrated toxic organics into the wastewaters has occurred since filing the last discharge monitoring report. I further certify that this facility is implementing the toxic organic management plan submitted to MSD.

PART IV: GENERAL CERTIFICATION STATEMENTS

Initial the box for statement A if it applies to you. Everyone must complete the information under statement B and sign this report.

A. Discharges at sample points subject only to MSD Ordinance limits can be exempted from TTO monitoring subject to the following certification:

☐ In lieu of monitoring for TTO at sample point(s) _____ , I certify that to the best of my knowledge and belief, no toxic organics have been used at this premise or discharged into the wastewaters since filing of the last discharge monitoring report.

B. DISCHARGE MONITORING REPORT 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.

Print or type name of signing official: Tim Johnson

Title: Operations Manager Telephone: (314) 739-1919 EXT 109

Signature: Tim Johnson Date: 9/13/96

Metropolitan
St. Louis Sewer
District

Department of Environmental Compliance
10 East Grand Avenue
St. Louis, MO 63147-2913
(314) 436-8710
FAX (314) 436-8753

August 20, 1996

Larry Giroux
Sr. Division General Manager
LAIDLAW WASTE SYSTEMS, INC.
13570 St. Charles Rock Rd
Bridgeton, MO 63044

Re: Discharge Permit No: 05115598-02
For premise at: 13570 St. Charles Rock Rd
Bridgeton, MO 63044

Dear Mr. Giroux:

The Metropolitan St. Louis Sewer District Wastewater Discharge permit for the above premise expires on March 31, 1997. Under the terms of the permit, you are requested to apply for renewal at least 180 days prior to the expiration date.

Enclosed is an Industrial User Questionnaire along with detailed instructions to assist you in supplying the required information. This questionnaire serves as your permit application. We request that you return the original and yellow copy by October 1, 1996.

After a review of the questionnaire and our existing data, we will prepare a draft permit and send it to you for comment.

Thank you for your cooperation. If you have any question or any specific problem providing the requested information, please contact me at 436-8755.

Sincerely,
METROPOLITAN ST. LOUIS SEWER DISTRICT

Gunter H Durdel

Gunter H. Durdel
Assistant Engineer

ldl

Enclosure

LAIDLAW

LAIDLAW WASTE SYSTEMS INC.

June 12, 1996

Mr. Gunter H. Durdel
Department of Environmental Compliance
10 East Grand Avenue
St. Louis, MO 63147-2913

Re: **QUARTERLY SELF-MONITORING REPORT**

Dear Mr. Durdel:

Enclosed please find the quarterly test results for the Bridgeton Sanitary Landfill MSD self monitoring requirements.

Should you have any questions concerning this matter, please do not hesitate to call me at (314) 739-1919 Ext. 101.

Sincerely,

Larry Giroux

Larry Giroux
Senior Division General Manager

c: Mr. Brad Bomanz

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JUN 14 1996
Environmental Compliance

4thmsd

13570 ST. CHARLES ROCK ROAD, BRIDGETON, MISSOURI 63044 (314) 739-1919

METROPOLITAN ST. LOUIS SEWER DISTRICT
INDUSTRIAL USER SELF MONITORING REPORT

PLEASE READ THE INSTRUCTIONS BEFORE COMPLETING THIS REPORT

PART I: IDENTIFYING INFORMATION

Company Name: LAIDLAW WASTE SYSTEMS, INC.

Permit No: 05115598-02

Premise Address: BRIDGETON LANDFILL, 13570 ST. CHARLES ROCK ROAD, BRIDGETON, MO 63044

Monitoring Period: ☐(JAN-MAR) ☒(APR-JUNE) ☐(JULY-SEPT) ☐(OCT-DEC)

Samples Collected By: SCS Engineers, 125 N. Main St. Suite 101, St. Charles, MO 63301

Analyses Performed By: Quanterra Environmental Services, 4101 Shaffel Dr. NW, N. Canton, OH 4472

PART II: ANALYTICAL RESULTS OF SELF MONITORING

MSD SAMPLE POINT REFERENCE NUMBERS ——>		001	001			
DATES ON WHICH SAMPLES WERE COLLECTED ——>		5/2/96 - 5/3/96	5/22/96 - 5/23/96			
TIMES AT WHICH SAMPLES WERE COLLECTED ——>		9:00 - 10:00	4:00 - 8:00			
PARAMETER	LIMIT	RECORD SAMPLE TYPES (G, C, M OR E) AND RESULTS BELOW G=grab, C=composite, M=measured flow, E=estimated flow				UNITS
FLOW		331,587				Gal
BIOCHEMICAL OXYGEN DEMAND	300	C	39			MG/L
CHEMICAL OXYGEN DEMAND	600	C 390				MG/L
OIL & GREASE(TOTAL)	200	G < 5.0				MG/L
PH	5.5-11.5	G 7.79				SU
TEMPERATURE	60	G 18.5				DEG C
TOTAL SUSPENDED SOLIDS	350	C 36				MG/L
AMMONIA(AS N)	-	C 140				MG/L
IRON(TOTAL)	25	C 2.8				MG/L
CADMIUM(TOTAL)	0.4	C < 0.0050				MG/L
CHROMIUM(TOTAL)	5	C 0.018				MG/L
COPPER(TOTAL)	1.5	C < 0.025				MG/L
LEAD(TOTAL)	0.2	C 0.0030				MG/L
NICKEL(TOTAL)	1	C < 0.040				MG/L
ZINC(TOTAL)	3	C < 0.050				MG/L
TOTAL TOXIC ORGANICS	5.52	G Not Analyzed				MG/L

RECEIVED
JUN 14 1996
Environmental Compliance

You must complete and sign the certification statements on the reverse side.

PART III: SPECIAL CERTIFICATION STATEMENTS

Based on the special conditions contained in your discharge permit you may be required to certify one or more of the following. Please review your permit and PLACE YOUR INITIALS IN THE BOXES NEXT TO THOSE CERTIFICATIONS WHICH ARE APPLICABLE TO YOUR FACILITY. If your permit contains no Special Conditions, then none of the certifications in PART III apply to you. GO ON TO PART IV.

A. If your permit special conditions waive monitoring at any sample point(s) specified in your permit, you are required to make the following certification:

☐ I certify, since the last discharge monitoring report, there has been no change in the character of the wastes discharged at sampling point(s) _____ .

B. If your permit special conditions waive monitoring at active connection points which are not specified as sample points in your permit, you are required to make the following certification:

☐ I certify, since the last discharge monitoring report, there has been no change in the character of wastes discharged at those active connection points which are not specified in my permit .

C. If your permit special conditions waive monitoring at inactive connection points, you are required to make the following certification:

☐ I certify, since the permit issue date, there has been no change in the status of connection points identified as inactive. These points remain inactive and no discharge occurred during the period covered by this report.

D. If your permit special conditions authorize grab sample collection in lieu of composite sampling at any sample point(s), you are required to make the following certification:

☐ I certify the grab sample results in this report accurately represent our average daily discharge at sample point(s) _____ _____.

E. If your permit special conditions prohibit discharge of wastes which are subject to certain categorical pretreatment standards, you are required to make the following certification :

☐ I certify, since the last discharge monitoring report, there has been no discharge of wastes which are subject to pretreatment standards in 40 CFR _____.

F. Discharges subject to Pharmaceutical Categorical Standards (40 CFR 439) can be exempted from limitations and monitoring for Total Cyanide at the Pharmaceutical sample point(s) subject to the following certification:

☐ I certify, since the last discharge monitoring report, cyanide has not been used or generated in any pharmaceutical manufacturing process subject to Categorical Standards in 40 CFR 439.

G. Discharges Subject to Categorical Standards for Electroplating (40 CFR 413), Metal Finishing (40 CFR 433) or Electrical & Electronic Components (40 CFR 469) can be exempted from TTO monitoring only at the Electroplating, Metal Finishing or Electrical & Electronic Components sample point(s) subject to the following certification:

☐ Based on my inquiry of the person or persons directly responsible for managing compliance with the permit limitation for total toxic organics (TTO), I certify that, to the best of my knowledge and belief, no dumping of concentrated toxic organics into the wastewaters has occurred since filing the last discharge monitoring report. I further certify that this facility is implementing the toxic organic management plan submitted to MSD.

PART IV: GENERAL CERTIFICATION STATEMENTS

Initial the box for statement A if it applies to you. Everyone must complete the information under statement B and sign this report.

A. Discharges at sample points subject only to MSD Ordinance limits can be exempted from TTO monitoring subject to the following certification:

☐ In lieu of monitoring for TTO at sample point(s) _____ , I certify that to the best of my knowledge and belief, no toxic organics have been used at this premise or discharged into the wastewaters since filing of the last discharge monitoring report.

B. DISCHARGE MONITORING REPORT 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.

Print or type name of signing official: Larry Gineux Sr. Div. Gen. Manager

Title: _____ Telephone: 314-739-1919

LAIDLAW

LAIDLAW WASTE SYSTEMS INC.

March 19, 1996

Mr. Gunter H. Durdel
Department of Environmental Compliance
10 East Grand Avenue
St. Louis, MO 63147-2913

Re: **QUARTERLY SELF-MONITORING REPORT**

Dear Mr. Durdel:

Enclosed please find the quarterly test results for the Bridgeton Sanitary Landfill MSD self monitoring requirements.

Should you have any questions concerning this matter, please do not hesitate to call me at (314) 739-1919 Ext. 109.

Sincerely,

Brad Pollock

Brad Pollock
Operations Manager

c: Mr. Brad Bomanz

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MAR 2 0 1996
Environmental Compliance

4thmsd

13570 ST. CHARLES ROCK ROAD, BRIDGETON, MISSOURI 63044 (314) 739-1919

METROPOLITAN ST. LOUIS SEWER DISTRICT
INDUSTRIAL USER SELF MONITORING REPORT

PLEASE READ THE INSTRUCTIONS BEFORE COMPLETING THIS REPORT

PART I: IDENTIFYING INFORMATION

Company Name: LAIDLAW WASTE SYSTEMS, INC.

Permit No: 05115598-02

Premise Address: BRIDGETON LANDFILL, 13570 ST. CHARLES ROCK ROAD, BRIDGETON, MO 63044

Monitoring Period: ☐(JAN-MAR) ☐(APR-JUNE) ☐(JULY-SEPT) ☐(OCT-DEC)

Samples Collected By: SCS Engineers, 125 N. Main St., Suite 101, St. Charles, MO 63301

Analyses Performed By: Quanterra Environmental Services, 4101 Shuffel Drive N.W. North Canton, OH 44720

PART II: ANALYTICAL RESULTS OF SELF MONITORING

MSD SAMPLE POINT REFERENCE NUMBERS ——>			001					
DATES ON WHICH SAMPLES WERE COLLECTED ——>			2/14-15/96					
TIMES AT WHICH SAMPLES WERE COLLECTED ——>			1015-1000					
PARAMETER	LIMIT	RECORD SAMPLE TYPES (G, C, M OR E) AND RESULTS BELOW G=grab, C=composite, M=measured flow, E=estimated flow						UNITS
FLOW			343,759					gal/day
BIOCHEMICAL OXYGEN DEMAND	300	C	15					MG/L
CHEMICAL OXYGEN DEMAND	600	C	430					MG/L
OIL & GREASE(TOTAL)	200	G	<5.0					MG/L
PH	5.5-11.5	G	7.30					SU
TEMPERATURE	60	G	6.3					DEG C
TOTAL SUSPENDED SOLIDS	350	C	14					MG/L
AMMONIA(AS N)	-	C	170					MG/L
IRON(TOTAL)	25	C	3.0					MG/L
CADMIUM(TOTAL)	0.4	C	<0.005					MG/L
CHROMIUM(TOTAL)	5	C	0.017					MG/L
COPPER(TOTAL)	1.5	C	<0.025					MG/L
LEAD(TOTAL)	0.2	C	<0.003					MG/L
NICKEL(TOTAL)	1	C	<0.04					MG/L
ZINC(TOTAL)	3	C	<0.05					MG/L
TOTAL TOXIC ORGANICS	5.52	G	Not Analyzed					MG/L

RECEIVED
MAR 20 1996
Environmental Compliance

RECEIVED
MAR 20
Environmental Compliance

You must complete and sign the certification statements on the reverse side.

PART III: SPECIAL CERTIFICATION STATEMENTS

Based on the special conditions contained in your discharge permit you may be required to certify one or more of the following. Please review your permit and PLACE YOUR INITIALS IN THE BOXES NEXT TO THOSE CERTIFICATIONS WHICH ARE APPLICABLE TO YOUR FACILITY. If your permit contains no Special Conditions, then none of the certifications in PART III apply to you. GO ON TO PART IV.

A. If your permit special conditions waive monitoring at any sample point(s) specified in your permit, you are required to make the following certification:

☐ I certify, since the last discharge monitoring report, there has been no change in the character of the wastes discharged at sampling point(s) _____.

B. If your permit special conditions waive monitoring at active connection points which are not specified as sample points in your permit, you are required to make the following certification:

☐ I certify, since the last discharge monitoring report, there has been no change in the character of wastes discharged at those active connection points which are not specified in my permit .

C. If your permit special conditions waive monitoring at inactive connection points, you are required to make the following certification:

☐ I certify, since the permit issue date, there has been no change in the status of connection points identified as inactive. These points remain inactive and no discharge occurred during the period covered by this report.

D. If your permit special conditions authorize grab sample collection in lieu of composite sampling at any sample point(s), you are required to make the following certification:

☐ I certify the grab sample results in this report accurately represent our average daily discharge at sample point(s) _____ _____.

E. If your permit special conditions prohibit discharge of wastes which are subject to certain categorical pretreatment standards, you are required to make the following certification :

☐ I certify, since the last discharge monitoring report, there has been no discharge of wastes which are subject to pretreatment standards in 40 CFR _____.

F. Discharges subject to Pharmaceutical Categorical Standards (40 CFR 439) can be exempted from limitations and monitoring for Total Cyanide at the Pharmaceutical sample point(s) subject to the following certification:

☐ I certify, since the last discharge monitoring report, cyanide has not been used or generated in any pharmaceutical manufacturing process subject to Categorical Standards in 40 CFR 439.

G. Discharges Subject to Categorical Standards for Electroplating (40 CFR 413), Metal Finishing (40 CFR 433) or Electrical & Electronic Components (40 CFR 469) can be exempted from TTO monitoring only at the Electroplating, Metal Finishing or Electrical & Electronic Components sample point(s) subject to the following certification:

☐ Based on my inquiry of the person or persons directly responsible for managing compliance with the permit limitation for total toxic organics (TTO), I certify that, to the best of my knowledge and belief, no dumping of concentrated toxic organics into the wastewaters has occurred since filing the last discharge monitoring report. I further certify that this facility is implementing the toxic organic management plan submitted to MSD.

PART IV: GENERAL CERTIFICATION STATEMENTS

Initial the box for statement A if it applies to you. **Everyone must complete the information under statement B and sign this report.**

A. Discharges at sample points subject only to MSD Ordinance limits can be exempted from TTO monitoring subject to the following certification:

☐ In lieu of monitoring for TTO at sample point(s) _____ , I certify that to the best of my knowledge and belief, no toxic organics have been used at this premise or discharged into the wastewaters since filing of the last discharge monitoring report.

B. **DISCHARGE MONITORING REPORT 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.

Print or type name of signing official: Brad Pollock

Title: Operations Manager Telephone: (314) 739-1919

Signature: Brad Pollock Date:

LAIDLAW

LAIDLAW WASTE SYSTEMS INC.

MEMORANDUM

To: Fabian Grabski, MSD
From: Brad Pollock, LWS
Date March 11, 1996

Re: Monthly Volume Reports

Per condition A of Section II of our permit, (05115598-02) the volume discharged for the month of February was 9,969,000 gallons.

RECEIVED
MAR 1 3 1996
Environmental Compliance

febvol

13570 ST. CHARLES ROCK ROAD, BRIDGETON, MISSOURI 63044 (314) 739-1919

LAIDLAW

LAIDLAW WASTE SYSTEMS INC.

MEMORANDUM

To: Fabian Grabski, MSD
From: Brad Pollock, LWS
Date January 23, 1996

Re: Monthly Volume Reports

Per condition A of Section II of our permit, (05115598-02) the volume discharged for the month of December was 88380 gallons.

RECEIVED
JAN 2 4 1996
Environmental Compliance

decvol

13570 ST. CHARLES ROCK ROAD, BRIDGETON, MISSOURI 63044 (314) 739-1919

LAIDLAW

LAIDLAW WASTE SYSTEMS INC.

January 11, 1996

Mr. Gunter H. Durdel
Department of Environmental Compliance
10 East Grand Avenue
St. Louis, MO 63147-2913

Re: **QUARTERLY SELF-MONITORING REPORT**

Dear Mr. Durdel:

Enclosed please find the quarterly test results for the Bridgeton Sanitary Landfill MSD self monitoring requirements.

Should you have any questions concerning this matter, please do not hesitate to call me at (314) 739-1919 Ext. 109.

Sincerely,

Brad Pollock

Brad Pollock
Operations Manager

c: Mr. Brad Bomanz

RECEIVED
JAN 12 1996
Environmental Compliance

4thmsd

13570 ST. CHARLES ROCK ROAD, BRIDGETON, MISSOURI 63044 (314) 739-1919

METROPOLITAN ST. LOUIS SEWER DISTRICT
INDUSTRIAL USER SELF MONITORING REPORT

PLEASE READ THE INSTRUCTIONS BEFORE COMPLETING THIS REPORT

PART I: IDENTIFYING INFORMATION

Company Name: LAIDLAW WASTE SYSTEMS, INC.

Permit No: 05115598-02

Premise Address: BRIDGETON LANDFILL, 13570 ST. CHARLES ROCK ROAD, BRIDGETON, MO 63044

Monitoring Period: ☐(JAN-MAR) ☐(APR-JUNE) ☐(JULY-SEPT) ☒(OCT-DEC)

Samples Collected By: SCS Engineers, 125 N. Main St. Suite 109 St. Charles, MO 63301

Analyses Performed By: Quanterra Environmental Services, 4101 Shuffel Dr. NW N. Canton, OH 44720 *

PART II: ANALYTICAL RESULTS OF SELF MONITORING

MSD SAMPLE POINT REFERENCE NUMBERS ——>			001		001				
DATES ON WHICH SAMPLES WERE COLLECTED ——>			11/2/95		11/17/95				
TIMES AT WHICH SAMPLES WERE COLLECTED ——>			0800 - 1400		1030				
PARAMETER	LIMIT	RECORD SAMPLE TYPES (G, C, M OR E) AND RESULTS BELOW G=grab, C=composite, M=measured flow, E=estimated flow							UNITS
FLOW			41,120						gal/day
BIOCHEMICAL OXYGEN DEMAND	300	C	12						MG/L
CHEMICAL OXYGEN DEMAND	600	C	350						MG/L
OIL & GREASE(TOTAL)	200	G			8.0				MG/L
PH	5.5-11.5	G	8.05						SU
TEMPERATURE	60	G	14.1						DEG C
TOTAL SUSPENDED SOLIDS	350	C	8.0						MG/L
AMMONIA(AS N)	-	C	160						MG/L
IRON(TOTAL)	25	C	4.9						MG/L
CADMIUM(TOTAL)	0.4	C	<0.005						MG/L
CHROMIUM(TOTAL)	5	C	0.025						MG/L
COPPER(TOTAL)	1.5	C	<0.025						MG/L
LEAD(TOTAL)	0.2	C	<0.003						MG/L
NICKEL(TOTAL)	1	C	<0.040						MG/L
ZINC(TOTAL)	3	C	0.066						MG/L
TOTAL TOXIC ORGANICS	5.52	G	~~<0.1~~						MG/L
			<.01		per 1/18/96 Tel conv w/ Mr. Pollock				

RECEIVED
JAN 12 1996
Environmental Compliance

You must complete and sign the certification statements on the reverse side.

* per 1/17/96 Tel conv w/ Mr. Polock, Analysis performed using approved EPA methods.

PART III: SPECIAL CERTIFICATION STATEMENTS

Based on the special conditions contained in your discharge permit you may be required to certify one or more of the following. Please review your permit and PLACE YOUR INITIALS IN THE BOXES NEXT TO THOSE CERTIFICATIONS WHICH ARE APPLICABLE TO YOUR FACILITY. If your permit contains no Special Conditions, then none of the certifications in PART III apply to you. GO ON TO PART IV.

A. If your permit special conditions waive monitoring at any sample point(s) specified in your permit, you are required to make the following certification:

☐ I certify, since the last discharge monitoring report, there has been no change in the character of the wastes discharged at sampling point(s) _____.

B. If your permit special conditions waive monitoring at active connection points which are not specified as sample points in your permit, you are required to make the following certification:

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C. If your permit special conditions waive monitoring at inactive connection points, you are required to make the following certification:

☐ I certify, since the permit issue date, there has been no change in the status of connection points identified as inactive. These points remain inactive and no discharge occurred during the period covered by this report.

D. If your permit special conditions authorize grab sample collection in lieu of composite sampling at any sample point(s), you are required to make the following certification:

☐ I certify the grab sample results in this report accurately represent our average daily discharge at sample point(s) _____ _____.

E. If your permit special conditions prohibit discharge of wastes which are subject to certain categorical pretreatment standards, you are required to make the following certification :

☐ I certify, since the last discharge monitoring report, there has been no discharge of wastes which are subject to pretreatment standards in 40 CFR _____.

F. Discharges subject to Pharmaceutical Categorical Standards (40 CFR 439) can be exempted from limitations and monitoring for Total Cyanide at the Pharmaceutical sample point(s) subject to the following certification:

☐ I certify, since the last discharge monitoring report, cyanide has not been used or generated in any pharmaceutical manufacturing process subject to Categorical Standards in 40 CFR 439.

G. Discharges Subject to Categorical Standards for Electroplating (40 CFR 413), Metal Finishing (40 CFR 433) or Electrical & Electronic Components (40 CFR 469) can be exempted from TTO monitoring only at the Electroplating, Metal Finishing or Electrical & Electronic Components sample point(s) subject to the following certification:

☐ Based on my inquiry of the person or persons directly responsible for managing compliance with the permit limitation for total toxic organics (TTO), I certify that, to the best of my knowledge and belief, no dumping of concentrated toxic organics into the wastewaters has occurred since filing the last discharge monitoring report. I further certify that this facility is implementing the toxic organic management plan submitted to MSD.

PART IV: GENERAL CERTIFICATION STATEMENTS

Initial the box for statement A if it applies to you. **Everyone must complete the information under statement B and sign this report.**

A. Discharges at sample points subject only to MSD Ordinance limits can be exempted from TTO monitoring subject to the following certification:

☐ In lieu of monitoring for TTO at sample point(s) _____ , I certify that to the best of my knowledge and belief, no toxic organics have been used at this premise or discharged into the wastewaters since filing of the last discharge monitoring report.

B. DISCHARGE MONITORING REPORT 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.

Print or type name of signing official: Brad Pollock

Title: Operations Manager Telephone: (314) 739-1919

Signature: Brad Pollock Date: 1/11/95

Quanterra Environmental Services

LAIDLAW WASTE SYSTEMS

337-LEACH-0001-11/2/95

WO #: C1QFP10C
LAB #: A5K030154-001
MATRIX: WATER
DILUTION FACTOR: 1.00

DATE SAMPLED: 11/02/95
TIME SAMPLED:
DATE RECEIVED: 11/03/95

GC/MS Volatiles

1 OF 2

PARAMETER	RESULT (ug/L)	REPORTING LIMIT	METHOD	EXTRACTION-ANALYSIS DATE	QC BATCH
Acrolein	ND	100	CFR136A 624	11/08/95	5313177
Acrylonitrile	ND	100	CFR136A 624	11/08/95	5313177
Benzene	ND	5.0	CFR136A 624	11/08/95	5313177
Dichlorobromomethane	ND	5.0	CFR136A 624	11/08/95	5313177
Bromoform	ND	5.0	CFR136A 624	11/08/95	5313177
Bromomethane	ND	10	CFR136A 624	11/08/95	5313177
Carbon tetrachloride	ND	5.0	CFR136A 624	11/08/95	5313177
Chlorobenzene	ND	5.0	CFR136A 624	11/08/95	5313177
Chlorodibromomethane	ND	5.0	CFR136A 624	11/08/95	5313177
Chloroethane	ND	10	CFR136A 624	11/08/95	5313177
Chloroform	ND	5.0	CFR136A 624	11/08/95	5313177
Chloromethane	ND	10	CFR136A 624	11/08/95	5313177
1,1-Dichloroethane	ND	5.0	CFR136A 624	11/08/95	5313177
1,2-Dichloroethane	ND	5.0	CFR136A 624	11/08/95	5313177
1,1-Dichloroethene	ND	5.0	CFR136A 624	11/08/95	5313177
1,2-Dichloroethene (total)	ND	5.0	CFR136A 624	11/08/95	5313177
1,2-Dichloropropane	ND	5.0	CFR136A 624	11/08/95	5313177
cis-1,3-Dichloropropene	ND	5.0	CFR136A 624	11/08/95	5313177
trans-1,3-Dichloropropene	ND	5.0	CFR136A 624	11/08/95	5313177
Ethylbenzene	ND	5.0	CFR136A 624	11/08/95	5313177
Methylene chloride	ND	10	CFR136A 624	11/08/95	5313177

SURROGATE RECOVERY	%	ACCEPTABLE LIMITS
1,2-Dichloroethane-d4	107	(76 - 114)
Toluene-d8	104	(88 - 110)
Bromofluorobenzene	97	(86 - 115)

NOTE: AS RECEIVED
ND NOT DETECTED AT THE STATED REPORTING LIMIT

Quanterra Environmental Services

LAIDLAW WASTE SYSTEMS

337-LEACH-0001-11/2/95

WO #: C1QFP10C
LAB #: ASK030154-001
MATRIX: WATER
DILUTION FACTOR: 1.00

DATE SAMPLED: 11/02/95
TIME SAMPLED:
DATE RECEIVED: 11/03/95

GC/MS Volatiles

2 OF 2

PARAMETER	RESULT (ug/L)	REPORTING LIMIT	METHOD	EXTRACTION-ANALYSIS DATE	QC BATCH
1,1,2,2-Tetrachloroethane	ND	5.0	CFR136A 624	11/08/95	531317
Tetrachloroethene	ND	5.0	CFR136A 624	11/08/95	531317
Toluene	ND	5.0	CFR136A 624	11/08/95	531317
1,1,1-Trichloroethane	ND	5.0	CFR136A 624	11/08/95	531317
1,1,2-Trichloroethane	ND	5.0	CFR136A 624	11/08/95	531317
Trichloroethene	ND	5.0	CFR136A 624	11/08/95	531317
Vinyl chloride	ND	10	CFR136A 624	11/08/95	531317

SURROGATE RECOVERY	%	ACCEPTABLE LIMITS
1,2-Dichloroethane-d4	107	(76 - 114)
Toluene-d8	104	(88 - 110)
Bromofluorobenzene	97	(86 - 115)

NOTE: AS RECEIVED
ND NOT DETECTED AT THE STATED REPORTING LIMIT

Quanterra Environmental Services

LAYDLAW WASTE SYSTEMS

337-LEACH-0001-11/2/95

WO #: C1QFD100
LAB #: A5K020154-001
MATRIX: WATER
DILUTION FACTOR: 1.00

DATE SAMPLED: 11/02/95
TIME SAMPLED:
DATE RECEIVED: 11/03/95

GC/MS Semi-Volatiles

PARAMETER	RESULT (ug/L)	REPORTING LIMIT	METHOD	EXTRACTION-ANALYSIS DATE	QC BATCH
Acenaphthene	ND	10	CFR136A 625	11/06-11/10/95	531011
Acenaphthylene	ND	10	CFR136A 625	11/06-11/10/95	531011
Anthracene	ND	10	CFR136A 625	11/06-11/10/95	531011
Benzidine	ND	100	CFR136A 625	11/06-11/10/95	531011
Benzo(a)anthracene	ND	10	CFR136A 625	11/06-11/10/95	531011
Benzo(b)fluoranthene	ND	10	CFR136A 625	11/06-11/10/95	531011
Benzo(k)fluoranthene	ND	10	CFR136A 625	11/06-11/10/95	531011
Benzo(ghi)perylene	ND	10	CFR136A 625	11/06-11/10/95	531011
Benzo(a)pyrene	ND	10	CFR136A 625	11/06-11/10/95	531011
bis(2-Chloroethoxy)methane	ND	10	CFR136A 625	11/06-11/10/95	531011
bis(2-Chloroethyl) ether	ND	10	CFR136A 625	11/06-11/10/95	531011
bis(2-Chloroisopropyl) ether	ND	10	CFR136A 625	11/06-11/10/95	531011
bis(2-Ethylhexyl) phthalate	ND	10	CFR136A 625	11/06-11/10/95	531011
4-Bromophenyl phenyl ether	ND	10	CFR136A 625	11/06-11/10/95	531011
Butyl benzyl phthalate	ND	10	CFR136A 625	11/06-11/10/95	531011
p-Chloro-m-cresol	ND	10	CFR136A 625	11/06-11/10/95	531011
2-Chloronaphthalene	ND	10	CFR136A 625	11/06-11/10/95	531011
2-Chlorophenol	ND	10	CFR136A 625	11/06-11/10/95	531011
4-Chlorophenyl phenyl ether	ND	10	CFR136A 625	11/06-11/10/95	531011
Chrysene	ND	10	CFR136A 625	11/06-11/10/95	531011
Dibenz(a,h)anthracene	ND	10	CFR136A 625	11/06-11/10/95	531011

SURROGATE RECOVERY	%	ACCEPTABLE LIMITS
2-Fluorophenol	77	(17 - 106)
Phenol-d5	82	(15 - 120)
2,4,6-Tribromophenol	84	(13 - 148)
Nitrobenzene-d5	83	(36 - 148)
2-Fluorobiphenyl	77	(38 - 106)
Terphenyl-d14	14	(10 - 169)

NOTE: AS RECEIVED
ND NOT DETECTED AT THE STATED REPORTING LIMIT

Quanterra Environmental Services

LAIDLAW WASTE SYSTEMS

337-LEACH-0001-11/2/95

WO #: C1QFP10D
LAB #: ASK030154-001
MATRIX: WATER
DILUTION FACTOR: 1.00

DATE SAMPLED: 11/02/95
TIME SAMPLED:
DATE RECEIVED: 11/03/95

GC/MS Semi-Volatiles

2 OF 3

PARAMETER	RESULT (ug/L)	REPORTING LIMIT	METHOD	EXTRACTION-ANALYSIS DATE	QC BATCH
Di-n-butyl phthalate	ND	10	CFR136A 625	11/06-11/10/95	5310111
1,2-Dichlorobenzene	ND	10	CFR136A 625	11/06-11/10/95	5310111
1,3-Dichlorobenzene	ND	10	CFR136A 625	11/06-11/10/95	5310111
1,4-Dichlorobenzene	4.8 J	10	CFR136A 625	11/06-11/10/95	5310111
3,3'-Dichlorobenzidine	ND	10	CFR136A 625	11/06-11/10/95	5310111
2,4-Dichlorophenol	ND	10	CFR136A 625	11/06-11/10/95	5310111
Diethyl phthalate	ND	10	CFR136A 625	11/06-11/10/95	5310111
2,4-Dimethylphenol	ND	10	CFR136A 625	11/06-11/10/95	5310111
Dimethyl phthalate	ND	10	CFR136A 625	11/06-11/10/95	5310111
Di-n-octyl phthalate	ND	10	CFR136A 625	11/06-11/10/95	5310111
4,6-Dinitro-o-cresol	ND	50	CFR136A 625	11/06-11/10/95	5310111
2,4-Dinitrophenol	ND	50	CFR136A 625	11/06-11/10/95	5310111
2,4-Dinitrotoluene	ND	10	CFR136A 625	11/06-11/10/95	5310111
2,6-Dinitrotoluene	ND	10	CFR136A 625	11/06-11/10/95	5310111
1,2-Diphenylhydrazine	ND	10	CFR136A 625	11/06-11/10/95	5310111
Fluoranthene	ND	10	CFR136A 625	11/06-11/10/95	5310111
Fluorene	ND	10	CFR136A 625	11/06-11/10/95	5310111
Hexachlorobenzene	ND	10	CFR136A 625	11/06-11/10/95	5310111
Hexachlorobutadiene	ND	10	CFR136A 625	11/06-11/10/95	5310111
Hexachlorocyclopentadiene	ND	10	CFR136A 625	11/06-11/10/95	5310111
Hexachloroethane	ND	10	CFR136A 625	11/06-11/10/95	5310111

SURROGATE RECOVERY	%	ACCEPTABLE LIMITS
2-Fluorophenol	77	(17 - 106)
Phenol-d5	92	(15 - 126)
2,4,6-Tribromophenol	84	(13 - 145)
Nitrobenzene-d5	83	(36 - 148)
2-Fluorobiphenyl	77	(38 - 106)
Terphenyl-d14	14	(10 - 169)

NOTE: AS RECEIVED
ND NOT DETECTED AT THE STATED REPORTING LIMIT
J ESTIMATED VALUE. (DETECTED), BUT BELOW QUANTITATION LIMIT.

Quanterra Environmental Services

LAIDLAW WASTE SYSTEMS

337-LEACH-0001-11/2/95

WO #: C1QFP10D
LAB #: A5K030154-001
MATRIX: WATER
DILUTION FACTOR: 1.00

DATE SAMPLED: 11/02/95
TIME SAMPLED:
DATE RECEIVED: 11/03/95

GC/MS Semi-Volatiles

PARAMETER	RESULT (ug/L)	REPORTING LIMIT	METHOD	EXTRACTION-ANALYSIS DATE	QC BATCH
Indeno(1,2,3-cd)pyrene	ND	10	CFR136A 625	11/06-11/10/95	5310111
Isophorone	ND	10	CFR136A 625	11/06-11/10/95	5310111
Naphthalene	ND	10	CFR136A 625	11/06-11/10/95	5310111
Nitrobenzene	ND	10	CFR136A 625	11/06-11/10/95	5310111
2-Nitrophenol	ND	10	CFR136A 625	11/06-11/10/95	5310111
4-Nitrophenol	ND	50	CFR136A 625	11/06-11/10/95	5310111
N-Nitrosodimethylamine	ND	10	CFR136A 625	11/06-11/10/95	5310111
N-Nitrosodi-n-propylamine	ND	10	CFR136A 625	11/06-11/10/95	5310111
N-Nitrosodiphenylamine	ND	10	CFR136A 625	11/06-11/10/95	5310111
Pentachlorophenol	ND	50	CFR136A 625	11/06-11/10/95	5310111
Phenanthrene	ND	10	CFR136A 625	11/06-11/10/95	5310111
Phenol	ND	10	CFR136A 625	11/06-11/10/95	5310111
Pyrene	ND	10	CFR136A 625	11/06-11/10/95	5310111
1,2,4-Trichlorobenzene	ND	10	CFR136A 625	11/06-11/10/95	5310111
2,4,6-Trichlorophenol	ND	10	CFR136A 625	11/06-11/10/95	5310111

SURROGATE RECOVERY	%	ACCEPTABLE LIMITS
2-Fluorophenol	77	(17 - 106)
Phenol-d5	82	(15 - 126)
2,4,6-Tribromophenol	84	(13 - 145)
Nitrobenzene-d5	83	(36 - 148)
2-Fluorobiphenyl	77	(38 - 106)
Terphenyl-d14	14	(10 - 169)

NOTE: AS RECEIVED
ND NOT DETECTED AT THE STATED REPORTING LIMIT

M. LEACHATE

Chain of Custody Record

Quanterra Environmental Services

Client: LAIDLAW WASTE SYSTEMS

Address: 13570 ST. CHARLES ROCK RD

City: BRIDGETON | State: MO | Zip Code: 63044

Project Name: BRIDGETON

Contract/Purchase Order/Quote No.:

Project Manager: ROD BLOESE

Telephone Number (Area Code)/Fax Number: (314) 739-1919

Site Contact: BRAD POLLACK

Carrier/Waybill Number:

Date: 11/2/95

Lab Number:

Chain Of Custody Number: 09001

Page 7 of 8

Sample I.D. No. and Description	Date	Time	Sample Type	Total Volume	Containers Type	Containers No.	Preservative	Condition on Receipt	BOD, TSS	BNA 625	METALS	COD, NH3	OIL & GREASE	VOC 624
337-LEACH-0001-11/2/95	11/2/95		LEACHATE	500 ml	P		—		X					
				1 L	G		—			X				
				1 L	P		HNO_3				X			
				1 L	P		H_2SO_4					X		
				1 L	G		H_2SO_4						X	
				40 ml	G		HCl							X

Special Instructions:

Possible Hazard Identification: [X] Non-Hazard [ ] Flammable [ ] Skin Irritant [ ] Poison B [ ] Unknown

Sample Disposal: [ ] Return To Client [X] Disposal By Lab [ ] Archive For ____ Months

Turn Around Time Required: [X] Normal [ ] Rush

QC Level: [ ] I [ ] II [ ] III

Project Specific (Specify):

1. Relinquished By: Clay Wallace | Date: 11/2/95 | Time: 1630

2. Relinquished By: | Date: | Time:

3. Relinquished By: | Date: | Time:

1. Received By: | Date: | Time:

2. Received By: | Date: | Time:

3. Received By: Jessica M. Lydon | Date: 11/3/95 | Time: 11:35 Am

Comments:

DISTRIBUTION: WHITE - Stays with Sample; CANARY - Returned to Client with Report; PINK - Field Copy

ACCOUNT NUMBER: 0511 5598-02

COMPANY NAME: Bridgeton Landfill

CORRESPONDENCE

FROM 96 THRU 99

CORRESPONDENCE LOCATED
IN OVERFLOW FILE

PERMIT OVERFLOW

Metropolitan
St. Louis Sewer
District

Department of Environmental Compliance
10 East Grand Avenue
St. Louis, MO 63147-2913
(314) 436-8710
FAX (314) 436-8753

May 17, 1999

Matt Kingsley
Site Manager
BRIDGETON LANDFILL, LLC
13570 St. Charles Rock Road
Bridgeton, MO 63044

RE: Discharge Permit No: 05115598-02
For premises at: 13570 St. Charles Rock Road

Dear Mr. Kingsley:

Your Metropolitan St. Louis Sewer District Industrial Wastewater Discharge Permit issued on February 1, 1997, for the premise identified above, is hereby modified as per the attached page 2. This modification adds the requirement to monitor and report Arsenic (Total) and Mercury (Total) for sampling point 005. These changes were identified during the District's April 26, 1999 facility inspection and pursuant to your August 3, 1998 letter to the District. This letter and the revised page 2 should be affixed to your permit as your official record and become a part thereof.

This modification does not affect any monitoring or analysis of your discharge that may be necessary to comply with other requirements of your permit and does not in any way relieve you of your obligations to achieve the discharge limitations as provided in the permit.

Please contact us if you have any questions.

METROPOLITAN ST. LOUIS SEWER DISTRICT

Fabian T. Grabski
Assistant Engineer

Bob Zeman, P.E.
Manager of Environmental Compliance

DISCHARGE LIMITATIONS

SAMPLING POINT REFERENCE NUMBER: **005**

SAMPLING POINT LOCATION: **8" PIPE INTO MH LID, 20'S OF BOENKER BY WESTLINK PS**

AVERAGE WASTEWATER FLOW (GPD): **275,300**

WASTEWATER SOURCE AND CATEGORY: **SAN + LEACHATE FROM SAN LANDFILL**

POLLUTANT DISCHARGE LIMITS
(mg/l unless otherwise specified)

Parameter	Limit *	Limit Type **	Sampling Frequency
Flow (GPD)	***	Daily Avg	***
Biochemical Oxygen Demand	****	Daily Avg	once/3 mo
Chemical Oxygen Demand	****	Daily Avg	once/3 mo
Oil and Grease (Total)	200	Instant	once/3 mo
pH Acidic (s.u.) Less than 7	5.5	Instant	once/3 mo
pH Basic (s.u.) Greater than or equal to 7	11.5	Instant	once/3 mo
Temperature (Degrees C)	60	Instant	once/3 mo
Ammonia (AS N)	*****	Daily Avg	once/3 mo
Total Suspended Solids	****	Daily Avg	once/3 mo
Arsenic (Total)	0.4	Daily Avg	once/3 mo
Cadmium (Total)	0.7	Daily Avg	once/3 mo
Chromium (Total)	5.0	Daily Avg	once/3 mo
Copper (Total)	2.7	Daily Avg	once/3 mo
Lead (Total)	0.4	Daily Avg	once/3 mo
Mercury (Total)	0.01	Daily Avg	once/3 mo
Nickel (Total)	2.3	Daily Avg	once/3 mo
Zinc (Total)	3.0	Daily Avg	once/3 mo
Total Toxic Organics	5.52	Instant	once/yr

* Limits are based on MSD Ordinance 8472 and applicable federal categorical standards. See Section II of the permit conditions for explanation of any adjustments to the published limits made pursuant to Article V, Section 2.A of the Ordinance.

** See Section I.A.2 of the permit conditions.

*** Report a measured or estimated average daily flow for at least one representative operating day per quarter. If additional flow measurements or estimates are made, all must be reported.

**** See Section I.A.11 of the permit conditions.

***** Monitoring requirement only.

Metropolitan
St. Louis Sewer
District

Department of Environmental Compliance
10 East Grand Avenue
St. Louis, MO 63147-2913
(314) 436-8710
FAX (314) 436-8753

March 27, 1998

Matt Kingsley, P.E.
Site Manager

Larry Giroux
Sr. Division General Manager
BRIDGETON LANDFILL, LLC
13570 St. Charles Rock Road
Bridgeton, MO 63044

RE: Discharge Permit No: 05115598-02
For premise at: 13570 St. Charles Rock Road
Bridgeton, MO 63044

Dear Mr. Giroux:

Your Metropolitan St. Louis Sewer District Industrial Wastewater Discharge Permit issued on February 1, 1997, for the premise identified above, is hereby modified as per the attached page. This modification reflects the permittee's name change. This letter and revised page should be affixed to your permit as your official record and become a part thereof.

This modification does not affect any monitoring or analysis of your discharge that may be necessary to comply with other requirements of your permit and does not in any way relieve you of your obligations to achieve the discharge limitations as provided in the permit.

Please contact us if you have any questions.

METROPOLITAN ST. LOUIS SEWER DISTRICT

Fabian T. Grabski
Assistant Engineer

John Lodderhose, P.E.
Asst. Director of Environmental Compliance

METROPOLITAN ST. LOUIS SEWER DISTRICT
DEPARTMENT OF ENVIRONMENTAL COMPLIANCE
INDUSTRIAL WASTEWATER DISCHARGE PERMIT

PERMIT NO: **05115598-02**

EFFECTIVE DATE: **FEBRUARY 01, 1997**
MODIFICATION DATE: **MARCH 31, 1998**
EXPIRATION DATE: **NOVEMBER 30, 2000**

ISSUED TO: **BRIDGETON LANDFILL, LCC**
13570 ST. CHARLES ROCK ROAD
BRIDGETON, MO 63044

SIC NUMBER(S): **4953**

TOTAL NUMBER OF PERMITTED DISCHARGE POINTS: **ONE**
SAMPLING PT. REF. NUMBER(S): **005**

In accordance with the provisions of the Federal Pretreatment Regulations (40 CFR 403) and Metropolitan St. Louis Sewer District Ordinance No. 8472, the permittee is hereby authorized to discharge wastewater into the Metropolitan St. Louis Sewer District's sanitary or combined sewer system. All discharges so authorized shall be limited and controlled pursuant to the terms and conditions of this permit.

Noncompliance with any term or condition of this permit shall constitute an ordinance violation. If formal enforcement action is required to gain compliance, the permittee who is found guilty of a violation shall be subject to fine or imprisonment, or both such fine and imprisonment, for each violation. Each day in which any such violation shall continue shall be deemed a separate offense.

Compliance with the terms and conditions of this permit does not relieve the permittee of the obligation to comply with all other applicable pretreatment regulations, standards, or requirements under local, State and Federal laws, including any such regulation, standard, legal requirement, or law that may become effective during the life of this permit.

This permit only authorizes wastewater discharges identified herein. It does not apply to any other discharge.

METROPOLITAN ST. LOUIS SEWER DISTRICT

Fabian T. Grabski
Assistant Engineer

John R. Lodderhose, P.E.
Asst. Dir. of Environmental Compliance

Metropolitan
St. Louis Sewer
District

Department of Environmental Compliance
10 East Grand Avenue
St. Louis, MO 63147-2913
(314) 436-8710
FAX (314) 436-8753

January 31, 1997

Larry Giroux
Sr. Division General Manager
LAIDLAW WASTE SYSTEMS, INC.
13570 St. Charles Rock Road
Bridgeton, MO 63044

RE: Discharge Permit No: 05115598-02
For premise at: 13570 St. Charles Rock Road
Bridgeton, MO 63044

Dear Mr. Giroux:

Enclosed is the Metropolitan St. Louis Sewer District Industrial Wastewater Discharge Permit for the premise identified above. This permit is issued pursuant to the federal pretreatment regulations in 40 CFR 403 as amended October 25, 1995. This permit has been prepared based on information that you supplied in the District's Industrial User Questionnaire, on results from previous wastewater samplings and inspections and on requirements contained in existing MSD ordinances and state and federal regulations.

Except as noted in this paragraph, the terms and conditions of this permit renewal are substantially the same as in the previous permit. Changes include the addition of sampling point 005 and the deletion of sampling point 001. Additionally, a special condition has been added regarding NPDES permitted sampling points 002, 003, and 004. The changes were identified by the District during a facility inspection on December 3, 1996. Several other minor changes have been made to improve the clarity of the document.

The previous permit, effective April 1, 1994, is voided as of the effective date of the enclosed permit.

Monitoring reports required by the conditions of this permit must be submitted quarterly for the life of the permit. The first report due date, for this reissued permit, is based on a complete calendar quarter monitoring period. The permittee remains responsible for reporting for the preceding calendar quarter under the previous permit. Copies of the necessary report forms are enclosed.

If you disagree with any of the terms or conditions of this permit please inform us, in writing, within 15 working days of receipt. Absence of a response within this time frame will be deemed acceptance, by you, of the provisions of this permit. You may contact us at 436-8756 at any time if you have any question about your permit.

Sincerely,
METROPOLITAN ST. LOUIS SEWER DISTRICT

Fabian T. Grabski
Assistant Engineer

Enclosures

METROPOLITAN ST. LOUIS SEWER DISTRICT
DEPARTMENT OF ENVIRONMENTAL COMPLIANCE
INDUSTRIAL WASTEWATER DISCHARGE PERMIT

PERMIT NO: 05115598-02

EFFECTIVE DATE: **FEBRUARY 01, 1997**
EXPIRATION DATE: **NOVEMBER 30, 2000**

ISSUED TO: **LAIDLAW WASTE SYSTEMS, INC.**
13570 ST. CHARLES ROCK ROAD
BRIDGETON, MO 63044

SIC NUMBER(S): **4953**

TOTAL NUMBER OF PERMITTED DISCHARGE POINTS: **ONE**
SAMPLING PT. REF. NUMBER(S): **005**

In accordance with the provisions of the Federal Pretreatment Regulations (40 CFR 403) and Metropolitan St. Louis Sewer District Ordinance No. 8472, the permittee is hereby authorized to discharge wastewater into the Metropolitan St. Louis Sewer District's sanitary or combined sewer system. All discharges so authorized shall be limited and controlled pursuant to the terms and conditions of this permit.

Noncompliance with any term or condition of this permit shall constitute an ordinance violation. If formal enforcement action is required to gain compliance, the permittee who is found guilty of a violation shall be subject to fine or imprisonment, or both such fine and imprisonment, for each violation. Each day in which any such violation shall continue shall be deemed a separate offense.

Compliance with the terms and conditions of this permit does not relieve the permittee of the obligation to comply with all other applicable pretreatment regulations, standards, or requirements under local, State and Federal laws, including any such regulation, standard, legal requirement, or law that may become effective during the life of this permit.

This permit only authorizes wastewater discharges identified herein. It does not apply to any other discharge.

METROPOLITAN ST. LOUIS SEWER DISTRICT

Fabian T. Grabski
Assistant Engineer

Bob Zeman, P.E.
Manager of Environmental Compliance

SEE PG 1 DTD 3/3/98
PG

DISCHARGE LIMITATIONS

SAMPLING POINT REFERENCE NUMBER: **005**

SAMPLING POINT LOCATION: **8" PIPE INTO MH LID, 20'S OF BOENKER BY WESTLINK PS**

AVERAGE WASTEWATER FLOW (GPD): **275,300**

WASTEWATER SOURCE AND CATEGORY: **SAN + LEACHATE FROM SAN LANDFILL**

POLLUTANT DISCHARGE LIMITS
(mg/l unless otherwise specified)

Parameter	Limit *	Limit Type **	Sampling Frequency
Flow (GPD)	***	Daily Avg	***
Biochemical Oxygen Demand	****	Daily Avg	once/3 mo
Chemical Oxygen Demand	****	Daily Avg	once/3 mo
Oil and Grease (Total)	200	Instant	once/3 mo
pH Acidic (s.u.) Less than 7	5.5	Instant	once/3 mo
pH Basic (s.u.) Greater than or equal to 7	11.5	Instant	once/3 mo
Temperature (Degrees C)	60	Instant	once/3 mo
Ammonia (AS N)	*****	Daily Avg	once/3 mo
Total Suspended Solids	****	Daily Avg	once/3 mo
Cadmium (Total)	.7	Daily Avg	once/3 mo
Chromium (Total)	5.0	Daily Avg	once/3 mo
Copper (Total)	2.7	Daily Avg	once/3 mo
Lead (Total)	.4	Daily Avg	once/3 mo
Nickel (Total)	2.3	Daily Avg	once/3 mo
Zinc (Total)	3.0	Daily Avg	once/3 mo
Total Toxic Organics	5.52	Instant	once/yr

* Limits are based on MSD Ordinance 8472 and applicable federal categorical standards. See Section II of the permit conditions for explanation of any adjustments to the published limits made pursuant to Article V, Section 2.A of the Ordinance.

** See Section I.A.2 of the permit conditions.

*** Report a measured or estimated average daily flow for at least one representative operating day per quarter. If additional flow measurements or estimates are made, all must be reported.

**** See Section I.A.11 of the permit conditions.

***** Monitoring requirement only. SEE PG 2 DTD 5/17/99.

FG

PERMIT CONDITIONS

SECTION I - GENERAL CONDITIONS:

A. MONITORING AND REPORTING REQUIREMENTS:

1. From the effective date of this permit, the permittee shall self-monitor the discharge at each of the identified sampling points at the frequency specified in this permit. The permittee shall submit self-monitoring reports to the District's Department of Environmental Compliance identifying the concentrations of regulated substances in each of these discharges. Each report shall also include a record of all measured or estimated average daily flows during the reporting period.

2. The pollutants to be monitored are specified individually for each sampling point. The limitation, limitation type and monitoring frequency are given for each pollutant. **Except as noted in paragraph 3 of this section, composite samples shall be collected for all pollutants.** The limitation types are defined as follows:

An INSTANT limitation is the maximum allowable concentration of the pollutant in a grab sample for all pollutants except pH and temperature. For pH the INSTANT limitation is the minimum or maximum allowable instantaneous pH value reported in standard units. For temperature, the INSTANT limitation is the maximum allowable instantaneous temperature reported in degrees C.

A DAILY AVG limitation is the maximum allowable concentration of the pollutant in a composite sample collected within a 24 hour period.

A DAILY MAX limitation is the maximum allowable concentration of the pollutant in any sample collected within a 24 hour period.

A MONTHLY AVG limitation is the maximum allowable average concentration of the pollutant determined by calculating the arithmetic average of the concentrations found in all daily samples collected within a calendar month. The concentrations of all daily samples analyzed using the methods specified in this permit must be included in the calculation.

A 4-DAY AVG limitation is the maximum allowable average concentration of the pollutant determined by calculating the arithmetic average of the concentrations found in the daily samples collected on four consecutive <u>sampling</u> days. The sampling days are not necessarily consecutive calendar days.

A daily sample is <u>any</u> sample collected within a 24 hour period.

3. Unless specified otherwise in Section II of these conditions and except for the pollutants listed at the end of this paragraph, all samples collected to satisfy the monitoring and reporting requirements of this permit shall be **COMPOSITE SAMPLES** made up by combining individual grab samples collected within a 24 hour period. In no case may a composite sample be made from fewer than four grab samples. In all cases the individual grab samples must be adequately spaced so as to ensure a sample that is representative of the permittee's normal operations. Grab samples shall be collected for oil and grease, total phenol, cyanide, sulfide and volatile organics if required. Temperature and pH shall be measured at the point of discharge and the measurements reported as instantaneous values except, if continuous monitoring is employed, reporting shall be as per paragraph 7 below.

4. When monitoring is required for Total Toxic Organics (TTO), TTO shall be determined by summing all quantifiable values greater than .01 mg/l for the applicable toxic organics listed in 40 CFR 401.15. For discharges subject to categorical pretreatment standards, the applicable toxic organics are listed in the standard. For all other discharges the organics to be included in the TTO are all of those which are or may be present in the discharge.

5. Sampling of all discharges shall be conducted in such a manner as to ensure that the results of individual samples (whether grab or composite) are representative of normal operations and that the results of all samples during the reporting period are representative of the conditions during the reporting period.

6. All sampling and analyses performed to satisfy the monitoring and reporting requirements of this permit shall be performed in accordance with the techniques prescribed in 40 CFR 136 and amendments thereto unless other techniques are prescribed for specific parameters.

7. If the permittee employs continuous monitoring techniques for pH and/or temperature at any sampling point identified in this permit, unintentional and temporary excursions outside the limitations are allowed subject to the provisions of Article X, Subsection Two-C of Ordinance 8472. The permittee shall include with the quarterly self monitoring reports required by this Section, a summary of the continuous temperature and/or pH monitoring data. For each month, the summary shall show all excursions outside the permitted limitations, the elapsed time for each excursion and the total time for all excursions for temperature and the total time for all excursions for pH.

8. If the permittee monitors any of the listed pollutants using the methods specified in this permit, more often than required by this permit, the results of all such additional monitoring and any additional flow measurements shall be included in the self-monitoring reports.

9. All self-monitoring reports shall be certified and signed in accordance with the provisions of District Ordinance 8472, Article X, Section Three. The signed reports shall be submitted every three months (Quarterly) to the District's Department of Environmental Compliance. Each report shall be postmarked no later than the 28th day of the month following the end of the monitoring period. **The first report is due by April 28, 1997.**

10. If any sampling performed by the permittee using the methods specified in this permit indicates a violation of any permit limitation, the permittee shall notify the District's Department of Environmental Compliance within one business day of becoming aware of the violation. The permittee shall resample the discharge and shall submit the results of the resampling within thirty (30) days of becoming aware of the violation.

11. Unless specified elsewhere in this permit, discharges of Biochemical Oxygen Demand (BOD), Chemical Oxygen Demand (COD) and Total Suspended Solids (TSS) are not limited under the terms of this permit. However, the monitoring values reported will be used by the District to assess the applicability of surcharges under the provisions of the District's Sewer Service Charge Ordinances. Measured values which exceed 300 mg/l for BOD, 600 mg/l for COD and/or 350 mg/l for TSS may be subject to surcharge. If the permittee is currently subject to surcharge, the BOD, COD and TSS values used for surcharge billing are listed in the Special Conditions Section II of this permit.

B. CHANGE IN DISCHARGE:

1. The permittee shall not significantly increase the average daily volume, or flow rate of discharge or add any significant new pollutants or significantly increase the discharge of existing pollutants set forth in this permit without first having secured an amendment to the permit unless the permit conditions authorize such increase or additions without an amendment.

2. The permittee shall notify the District's Department of Environmental Compliance of any proposed significant new or increased discharge. The permittee shall make the notification at least ten (10) business days prior to the date of the planned increase or addition.

3. As defined in District Ordinance 8472, Article II, significant new or increased discharge means:

a. Any discharge from a new process or facility or a new source.

b. Any increase in volume or rate of discharge from an existing process or facility when the new long term average daily volume or rate of discharge will exceed the previous long term average by 20% or more.

c. Any addition of a priority pollutant or toxic pollutant not previously present or suspected present in the permittee's discharge.

d. Any addition of a hazardous waste subject to, but not previously reported under the reporting requirements in District Ordinance 8472, Article VIII, Section Nine.

e. Any increase in mass of an existing regulated pollutant when the new long term average daily mass discharge of that pollutant will exceed the previous long term average by 20% or more.

f. Any addition of a new pollutant or any increase in mass of an existing pollutant when the discharge of such pollutant may cause or contribute to interference or pass-through as these terms are defined in District Ordinance 8472, Article II.

g. Any new batch discharges when previous discharges from an existing source at the permitted facility occurred on a continuous basis.

C. PROBLEM DISCHARGE:

1. Problem discharge means any upset, slug discharge, bypass, spill or accident which does or may result in a discharge into the District's system of a prohibited substance; or of a regulated substance in excess of limitations established in this permit and which may: (a) cause interference or pass through; or (b) contribute to a violation of any requirement of the District's NPDES permit; or (c) cause violation of any State or Federal water quality standard.

2. In the event of any problem discharge into the District's system, the permittee shall immediately notify the District's Department of Environmental Compliance by telephone of the incident and shall provide such information as may be required at that time in order to assess the impact of the incident on the District's system or on water quality. Within five (5) business days following any such incident, the permittee shall submit to the District's Department of Environmental Compliance a detailed written report which contains a description of the incident and its cause, location within the permittee's facility, exact dates and times of the period of problem discharge and, if not yet corrected, the anticipated time the incident is expected to continue, and steps taken or planned to correct the current incident and to reduce, eliminate and prevent occurrences of future such incidents.

D. BYPASSING PROHIBITED:

The permittee may not bypass any portion of its pretreatment facilities except when necessary to perform essential maintenance and then only if the bypass will not result in a violation of applicable pretreatment standards or requirements. Any other pretreatment facility bypass is prohibited unless:

a. The bypass is unavoidable to prevent loss of life, personal injury or severe property damage;
b. There are no feasible alternatives to the bypass; and
c. In the event of an anticipated bypass, advance notice is provided to the District's Department of Environmental Compliance.

E. PERMIT REVOCATION:

This permit may be revoked after thirty (30) days notice to the permittee for cause including, but not limited to, the following causes:
a. A violation of any term or condition of this permit.
b. A misrepresentation or failure to fully disclose all relevant facts in obtaining this permit.

F. PERMIT TERMINATION OR MODIFICATION:

1. This permit may be modified after thirty (30) days notice to the permittee following promulgation of new State, Federal or local regulations to ensure compliance with the effective dates contained in any such new regulations.

2. Whenever any discharge covered by this permit is permanently eliminated, or when the circumstances upon which the permit was based pursuant to MSD Ordinance 8472 Article VI, Subsection 3.A, change, this permit will be terminated or modified upon verification of the changes by the District's Department of Environmental Compliance.

G. PERMIT RENEWAL:

The permittee shall apply for renewal of this permit at least one hundred eighty (180) days prior to the expiration date contained herein.

H. PERMIT TRANSFER:

This permit may not be transferred or reassigned. If the premise covered by this permit is sold or otherwise transferred to a new owner, the new owner shall apply for a new permit at least ten (10) days prior to the transfer and shall abide by all of the provisions of Sewer Use Ordinance No. 8472 until the District issues a new permit or denies the application.

I. RIGHT OF ENTRY:

In order to ensure compliance with the provisions of this permit, District Ordinances and applicable State and Federal regulations, District representatives may inspect a permittee's treatment, pretreatment or discharge control facilities, or any process or any area of the permittee's premise which may be a source of any discharge or a source of any pollutants contained in any discharge into the District's wastewater system; conduct sampling of such facilities, processes or areas; and examine or copy any permittee's records related to such discharges. Any duly authorized representative of the District upon presentation of proper credentials and after execution of appropriate confidentiality agreements shall be permitted access to appropriate areas of the permittee's premises without prior notice for these purposes. A representative of the user shall, if appropriate, accompany the District representative while the work is being performed and shall assure that all applicable safety rules are being observed by the District's representative.

J. RECORDS RETENTION:

The permittee shall retain and preserve, for not less than three (3) years, all records, books, documents, memoranda, reports, sample analysis results, correspondence and any and all summaries thereof relating to the monitoring, sampling and chemical analyses of the permittee's discharge made by or on the permittee's behalf.

K. DEFINITIONS:

Unless the context specifically indicates otherwise, the meaning of terms used in this permit shall be as defined in District Ordinance 8472, Article II.

L. SEWER USE ORDINANCE:

Unless the context specifically indicates otherwise, the permittee is subject to all the conditions of District Ordinance 8472.

M. NOTIFICATION AND REPORTING:

1. All notifications and reports required by this permit shall be directed to:

Metropolitan St. Louis Sewer District
Department of Environmental Compliance
10 East Grand Avenue
St. Louis, Missouri 63147-2913

2. Emergency notifications may be made 24 hours a day by calling the Metropolitan St. Louis Sewer District dispatcher at 768-6260.

3. During normal business hours, notifications may be made by calling the Department of Environmental Compliance at 436-8710.

SECTION II - SPECIAL CONDITIONS:

These Special Conditions supplement and/or amend the General Conditions of Section I. Where there is any perceived conflict between the general and special conditions, the special condition shall govern.

A. SPECIAL CERTIFICATION & REPORTING REQUIREMENTS

1. This permit does not regulate discharges at MSD sampling points **002**, **003**, and **004**. These discharges are subject to State regulation under NPDES permit number **MO-0112771**. Should the permittee plan to reroute any portion of the flow currently discharged under the NPDES permit to District sewers, the permittee shall notify the District's Department of Environmental Compliance at least ten (10) days prior to the date of the planned change.

B. SPECIAL BILLING REPORTING REQUIREMENTS

1. For billing purposes, the permittee shall submit monthly reports of the volume of leachate discharged through sampling point **005**. These reports shall be sent to:

Toni McGarry
MSD Finance Department
2000 Hampton Ave.
St. Louis, MO 63139

The reports shall be sent within 15 days of the end of each month. Copies of the monthly volume reports shall also be included with the routine quarterly monitoring reports required pursuant to General Condition I.A.

THIS IS THE LAST PAGE OF THIS PERMIT

UNITED STATES POST SERVICE

Official Business

SAINT LOUIS MO 63
PM
04 FEB
1997

PENALTY FOR PRIVATE
USE TO AVOID PAYMENT
OF POSTAGE, $300

U.S MAIL

P.

Print your name, address and ZIP Code here

METROPOLITAN ST. LOUIS SEWER DISTRICT
DEPT. of ENVIRONMENTAL COMPLIANCE
10 EAST GRAND AVENUE
ST. LOUIS, MISSOURI 63147

Is your RETURN ADDRESS completed on the reverse side?

SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

Larry Giroux, Sr. Div. Gen. Mgr
LAIDLAW WASTE SYSTEMS, INC.
13570 st. Charles Rk. Rd.
Bridgeton, MO 63044

4a. Article Number
P 951 520 220

4b. Service Type
☐ Registered ☐ Insured
☒ Certified ☐ COD
☐ Express Mail ☒ Return Receipt for Merchandise

7. Date of Delivery
2-4-97

5. Signature (Addressee)

6. Signature (Agent)

8. Addressee's Address (Only if requested and fee is paid)

Thank you for using Return Receipt Service.

PS Form 3811, December 1991 ☆U.S. GPO: 1993—352-714 **DOMESTIC RETURN RECEIPT**

Metropolitan
St. Louis Sewer
District

Department of Environmental Compliance
10 East Grand Avenue
St. Louis, MO 63147-2913
(314) 436-8710
FAX (314) 436-8753

January 10, 1997

Larry Giroux
Sr. Division General Manager
LAIDLAW WASTE SYSTEMS, INC.
13570 St. Charles Rock Road
Bridgeton, MO 63044

RE: Discharge Permit No: 05115598-02
For premise at: 13570 St. Charles Rock Road
Bridgeton, MO 63044

Dear Mr. Giroux:

We have completed our review of your application for renewal of the Metropolitan St. Louis Sewer District Industrial Wastewater Discharge Permit for the premise identified above. The current permit expires on March 31, 1996. Enclosed is a draft copy of the proposed permit renewal. We are proposing early renewal due to a change in sampling point location.

Except as noted in this paragraph, the terms and conditions of this draft permit renewal are substantially the same as in the current permit. Changes include the addition of sampling point 005 and the deletion of sampling point 001. Additionally, a special condition has been added regarding NPDES permitted sampling points 002, 003, and 004. The changes were identified by the District during a facility inspection on December 3, 1996. Several other minor changes have been made to improve the clarity of the document.

This draft has been prepared pursuant to the federal pretreatment regulations in 40 CFR 403 as amended October 25, 1995 and is based on information that you supplied in the District's Industrial User Questionnaire, on results from previous inspections and on requirements contained in existing MSD ordinances and state and federal regulations.

Please review this draft copy carefully. If you disagree with any of the terms or conditions of the proposed permit please inform us, in writing, within 15 working days of receipt. Absence of a response within this time frame will be deemed as acceptance of the draft permit and we will proceed to issue the final permit.

If you have any questions, please contact me at 436-8756.

Sincerely,
METROPOLITAN ST. LOUIS SEWER DISTRICT

Fabian T. Grabski
Assistant Engineer

Enclosure

METROPOLITAN ST. LOUIS SEWER DISTRICT
DEPARTMENT OF ENVIRONMENTAL COMPLIANCE
INDUSTRIAL WASTEWATER DISCHARGE PERMIT

PERMIT NO: **05115598-02**

EFFECTIVE DATE: **FEBRUARY 01, 1997**
EXPIRATION DATE: **NOVEMBER 30, 2000**

ISSUED TO: **LAIDLAW WASTE SYSTEMS, INC.**
13570 ST. CHARLES ROCK ROAD
BRIDGETON, MO 63044

SIC NUMBER(S): **4953**

TOTAL NUMBER OF PERMITTED DISCHARGE POINTS: **ONE**
SAMPLING PT. REF. NUMBER(S): **005**

In accordance with the provisions of the Federal Pretreatment Regulations (40 CFR 403) and Metropolitan St. Louis Sewer District Ordinance No. 8472, the permittee is hereby authorized to discharge wastewater into the Metropolitan St. Louis Sewer District's sanitary or combined sewer system. All discharges so authorized shall be limited and controlled pursuant to the terms and conditions of this permit.

Noncompliance with any term or condition of this permit shall constitute an ordinance violation. If formal enforcement action is required to gain compliance, the permittee who is found guilty of a violation shall be subject to fine or imprisonment, or both such fine and imprisonment, for each violation. Each day in which any such violation shall continue shall be deemed a separate offense.

Compliance with the terms and conditions of this permit does not relieve the permittee of the obligation to comply with all other applicable pretreatment regulations, standards, or requirements under local, State and Federal laws, including any such regulation, standard, legal requirement, or law that may become effective during the life of this permit.

This permit only authorizes wastewater discharges identified herein. It does not apply to any other discharge.

METROPOLITAN ST. LOUIS SEWER DISTRICT

Fabian T. Grabski
Assistant Engineer

Bob Zeman, P.E.
Manager of Environmental Compliance

MSD 022459

DISCHARGE LIMITATIONS

SAMPLING POINT REFERENCE NUMBER: **005**

SAMPLING POINT LOCATION: **8" PIPE INTO MH LID, 20'S OF BOENKER BY WESTLINK PS**

AVERAGE WASTEWATER FLOW (GPD): **275,300**

WASTEWATER SOURCE AND CATEGORY: **SAN + LEACHATE FROM SAN LANDFILL**

POLLUTANT DISCHARGE LIMITS
(mg/l unless otherwise specified)

Parameter	Limit *	Limit Type **	Sampling Frequency
Flow (GPD)	***	Daily Avg	***
Biochemical Oxygen Demand	****	Daily Avg	once/3 mo
Chemical Oxygen Demand	****	Daily Avg	once/3 mo
Oil and Grease (Total)	200	Instant	once/3 mo
pH Acidic (s.u.) Less than 7	5.5	Instant	once/3 mo
pH Basic (s.u.) Greater than or equal to 7	11.5	Instant	once/3 mo
Temperature (Degrees C)	60	Instant	once/3 mo
Ammonia (AS N)	*****	Daily Avg	once/3 mo
Total Suspended Solids	****	Daily Avg	once/3 mo
Cadmium (Total)	.7	Daily Avg	once/3 mo
Chromium (Total)	5.0	Daily Avg	once/3 mo
Copper (Total)	2.7	Daily Avg	once/3 mo
Lead (Total)	.4	Daily Avg	once/3 mo
Nickel (Total)	2.3	Daily Avg	once/3 mo
Zinc (Total)	3.0	Daily Avg	once/3 mo
Total Toxic Organics	5.52	Instant	once/yr

* Limits are based on MSD Ordinance 8472 and applicable federal categorical standards. See Section II of the permit conditions for explanation of any adjustments to the published limits made pursuant to Article V, Section 2.A of the Ordinance.

** See Section I.A.2 of the permit conditions.

*** Report a measured or estimated average daily flow for at least one representative operating day per quarter. If additional flow measurements or estimates are made, all must be reported.

**** See Section I.A.11 of the permit conditions.

***** Monitoring requirement only.

DRAFT

PERMIT CONDITIONS

SECTION I - GENERAL CONDITIONS:

A. MONITORING AND REPORTING REQUIREMENTS:

1. From the effective date of this permit, the permittee shall self-monitor the discharge at each of the identified sampling points at the frequency specified in this permit. The permittee shall submit self-monitoring reports to the District's Department of Environmental Compliance identifying the concentrations of regulated substances in each of these discharges. Each report shall also include a record of all measured or estimated average daily flows during the reporting period.

2. The pollutants to be monitored are specified individually for each sampling point. The limitation, limitation type and monitoring frequency are given for each pollutant. **Except as noted in paragraph 3 of this section, composite samples shall be collected for all pollutants.** The limitation types are defined as follows:

An INSTANT limitation is the maximum allowable concentration of the pollutant in a grab sample for all pollutants except pH and temperature. For pH the INSTANT limitation is the minimum or maximum allowable instantaneous pH value reported in standard units. For temperature, the INSTANT limitation is the maximum allowable instantaneous temperature reported in degrees C.

A DAILY AVG limitation is the maximum allowable concentration of the pollutant in a composite sample collected within a 24 hour period.

A DAILY MAX limitation is the maximum allowable concentration of the pollutant in any sample collected within a 24 hour period.

A MONTHLY AVG limitation is the maximum allowable average concentration of the pollutant determined by calculating the arithmetic average of the concentrations found in all daily samples collected within a calendar month. The concentrations of all daily samples analyzed using the methods specified in this permit must be included in the calculation.

A 4-DAY AVG limitation is the maximum allowable average concentration of the pollutant determined by calculating the arithmetic average of the concentrations found in the daily samples collected on four consecutive sampling days. The sampling days are not necessarily consecutive calendar days.

A daily sample is any sample collected within a 24 hour period.

3. Unless specified otherwise in Section II of these conditions and except for the pollutants listed at the end of this paragraph, all samples collected to satisfy the monitoring and reporting requirements of this permit shall be **COMPOSITE SAMPLES** made up by combining individual grab samples collected within a 24 hour period. In no case may a composite sample be made from fewer than four grab samples. In all cases the individual grab samples must be adequately spaced so as to ensure a sample that is representative of the permittee's normal operations. Grab samples shall be collected for oil and grease, total phenol, cyanide, sulfide and volatile organics if required. Temperature and pH shall be measured at the point of discharge and the measurements reported as instantaneous values except, if continuous monitoring is employed, reporting shall be as per paragraph 7 below.

4. When monitoring is required for Total Toxic Organics (TTO), TTO shall be determined by summing all quantifiable values greater than .01 mg/l for the applicable toxic organics listed in 40 CFR 401.15. For discharges subject to categorical pretreatment standards, the applicable toxic organics are listed in the standard. For all other discharges the organics to be included in the TTO are all of those which are or may be present in the discharge.

5. Sampling of all discharges shall be conducted in such a manner as to ensure that the results of individual samples (whether grab or composite) are representative of normal operations and that the results of all samples during the reporting period are representative of the conditions during the reporting period.

6. All sampling and analyses performed to satisfy the monitoring and reporting requirements of this permit shall be performed in accordance with the techniques prescribed in 40 CFR 136 and amendments thereto unless other techniques are prescribed for specific parameters.

7. If the permittee employs continuous monitoring techniques for pH and/or temperature at any sampling point identified in this permit, unintentional and temporary excursions outside the limitations are allowed subject to the provisions of Article X, Subsection Two-C of Ordinance 8472. The permittee shall include with the quarterly self monitoring reports required by this Section, a summary of the continuous temperature and/or pH monitoring data. For each month, the summary shall show all excursions outside the permitted limitations, the elapsed time for each excursion and the total time for all excursions for temperature and the total time for all excursions for pH.

8. If the permittee monitors any of the listed pollutants using the methods specified in this permit, more often than required by this permit, the results of all such additional monitoring and any additional flow measurements shall be included in the self-monitoring reports.

9. All self-monitoring reports shall be certified and signed in accordance with the provisions of District Ordinance 8472, Article X, Section Three. The signed reports shall be submitted every three months (Quarterly) to the District's Department of Environmental Compliance. Each report shall be postmarked no later than the 28th day of the month following the end of the monitoring period. **The first report is due by April 28, 1997.**

10. If any sampling performed by the permittee using the methods specified in this permit indicates a violation of any permit limitation, the permittee shall notify the District's Department of Environmental Compliance within one business day of becoming aware of the violation. The permittee shall resample the discharge and shall submit the results of the resampling within thirty (30) days of becoming aware of the violation.

11. Unless specified elsewhere in this permit, discharges of Biochemical Oxygen Demand (BOD), Chemical Oxygen Demand (COD) and Total Suspended Solids (TSS) are not limited under the terms of this permit. However, the monitoring values reported will be used by the District to assess the applicability of surcharges under the provisions of the District's Sewer Service Charge Ordinances. Measured values which exceed 300 mg/l for BOD, 600 mg/l for COD and/or 350 mg/l for TSS may be subject to surcharge. If the permittee is currently subject to surcharge, the BOD, COD and TSS values used for surcharge billing are listed in the Special Conditions Section II of this permit.

B. CHANGE IN DISCHARGE:

1. The permittee shall not significantly increase the average daily volume, or flow rate of discharge or add any significant new pollutants or significantly increase the discharge of existing pollutants set forth in this permit without first having secured an amendment to the permit unless the permit conditions authorize such increase or additions without an amendment.

2. The permittee shall notify the District's Department of Environmental Compliance of any proposed significant new or increased discharge. The permittee shall make the notification at least ten (10) business days prior to the date of the planned increase or addition.

3. As defined in District Ordinance 8472, Article II, significant new or increased discharge means:

a. Any discharge from a new process or facility or a new source.

b. Any increase in volume or rate of discharge from an existing process or facility when the new long term average daily volume or rate of discharge will exceed the previous long term average by 20% or more.

c. Any addition of a priority pollutant or toxic pollutant not previously present or suspected present in the permittee's discharge.

d. Any addition of a hazardous waste subject to, but not previously reported under the reporting requirements in District Ordinance 8472, Article VIII, Section Nine.

e. Any increase in mass of an existing regulated pollutant when the new long term average daily mass discharge of that pollutant will exceed the previous long term average by 20% or more.

f. Any addition of a new pollutant or any increase in mass of an existing pollutant when the discharge of such pollutant may cause or contribute to interference or pass-through as these terms are defined in District Ordinance 8472, Article II.

g. Any new batch discharges when previous discharges from an existing source at the permitted facility occurred on a continuous basis.

C. PROBLEM DISCHARGE:

1. Problem discharge means any upset, slug discharge, bypass, spill or accident which does or may result in a discharge into the District's system of a prohibited substance; or of a regulated substance in excess of limitations established in this permit and which may: (a) cause interference or pass through; or (b) contribute to a violation of any requirement of the District's NPDES permit; or (c) cause violation of any State or Federal water quality standard.

2. In the event of any problem discharge into the District's system, the permittee shall immediately notify the District's Department of Environmental Compliance by telephone of the incident and shall provide such information as may be required at that time in order to assess the impact of the incident on the District's system or on water quality. Within five (5) business days following any such incident, the permittee shall submit to the District's Department of Environmental Compliance a detailed written report which contains a description of the incident and its cause, location within the permittee's facility, exact dates and times of the period of problem discharge and, if not yet corrected, the anticipated time the incident is expected to continue, and steps taken or planned to correct the current incident and to reduce, eliminate and prevent occurrences of future such incidents.

D. BYPASSING PROHIBITED:

The permittee may not bypass any portion of its pretreatment facilities except when necessary to perform essential maintenance and then only if the bypass will not result in a violation of applicable pretreatment standards or requirements. Any other pretreatment facility bypass is prohibited unless:

a. The bypass is unavoidable to prevent loss of life, personal injury or severe property damage;
b. There are no feasible alternatives to the bypass; and
c. In the event of an anticipated bypass, advance notice is provided to the District's Department of Environmental Compliance.

E. PERMIT REVOCATION:

This permit may be revoked after thirty (30) days notice to the permittee for cause including, but not limited to, the following causes:
a. A violation of any term or condition of this permit.
b. A misrepresentation or failure to fully disclose all relevant facts in obtaining this permit.

F. PERMIT TERMINATION OR MODIFICATION:

1. This permit may be modified after thirty (30) days notice to the permittee following promulgation of new State, Federal or local regulations to ensure compliance with the effective dates contained in any such new regulations.

DRAFT

2. Whenever any discharge covered by this permit is permanently eliminated, or when the circumstances upon which the permit was based pursuant to MSD Ordinance 8472 Article VI, Subsection 3.A, change, this permit will be terminated or modified upon verification of the changes by the District's Department of Environmental Compliance.

G. PERMIT RENEWAL:

The permittee shall apply for renewal of this permit at least one hundred eighty (180) days prior to the expiration date contained herein.

H. PERMIT TRANSFER:

This permit may not be transferred or reassigned. If the premise covered by this permit is sold or otherwise transferred to a new owner, the new owner shall apply for a new permit at least ten (10) days prior to the transfer and shall abide by all of the provisions of Sewer Use Ordinance No. 8472 until the District issues a new permit or denies the application.

I. RIGHT OF ENTRY:

In order to ensure compliance with the provisions of this permit, District Ordinances and applicable State and Federal regulations, District representatives may inspect a permittee's treatment, pretreatment or discharge control facilities, or any process or any area of the permittee's premise which may be a source of any discharge or a source of any pollutants contained in any discharge into the District's wastewater system; conduct sampling of such facilities, processes or areas; and examine or copy any permittee's records related to such discharges. Any duly authorized representative of the District upon presentation of proper credentials and after execution of appropriate confidentiality agreements shall be permitted access to appropriate areas of the permittee's premises without prior notice for these purposes. A representative of the user shall, if appropriate, accompany the District representative while the work is being performed and shall assure that all applicable safety rules are being observed by the District's representative.

J. RECORDS RETENTION:

The permittee shall retain and preserve, for not less than three (3) years, all records, books, documents, memoranda, reports, sample analysis results, correspondence and any and all summaries thereof relating to the monitoring, sampling and chemical analyses of the permittee's discharge made by or on the permittee's behalf.

DRAFT

K. DEFINITIONS:

Unless the context specifically indicates otherwise, the meaning of terms used in this permit shall be as defined in District Ordinance 8472, Article II.

L. SEWER USE ORDINANCE:

Unless the context specifically indicates otherwise, the permittee is subject to all the conditions of District Ordinance 8472.

M. NOTIFICATION AND REPORTING:

1. All notifications and reports required by this permit shall be directed to:

Metropolitan St. Louis Sewer District
Department of Environmental Compliance
10 East Grand Avenue
St. Louis, Missouri 63147-2913

2. Emergency notifications may be made 24 hours a day by calling the Metropolitan St. Louis Sewer District dispatcher at 768-6260.

3. During normal business hours, notifications may be made by calling the Department of Environmental Compliance at 436-8710.

SECTION II - SPECIAL CONDITIONS:

These Special Conditions supplement and/or amend the General Conditions of Section I. Where there is any perceived conflict between the general and special conditions, the special condition shall govern.

A. SPECIAL CERTIFICATION & REPORTING REQUIREMENTS

1. This permit does not regulate discharges at MSD sampling points **002**, **003**, and **004**. These discharges are subject to State regulation under NPDES permit number **MO-0112771**. Should the permittee plan to reroute any portion of the flow currently discharged under the NPDES permit to District sewers, the permittee shall notify the District's Department of Environmental Compliance at least ten (10) days prior to the date of the planned change.

DRAFT

K. DEFINITIONS:

Unless the context specifically indicates otherwise, the meaning of terms used in this permit shall be as defined in District Ordinance 8472, Article II.

L. SEWER USE ORDINANCE:

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Metropolitan St. Louis Sewer District
Department of Environmental Compliance
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DRAFT

B. SPECIAL BILLING REPORTING REQUIREMENTS

1. For billing purposes, the permittee shall submit monthly reports of the volume of leachate discharged through sampling point **005**. These reports shall be sent to:

Toni McGarry
MSD Finance Department
2000 Hampton Ave.
St. Louis, MO 63139

The reports shall be sent within 15 days of the end of each month. Copies of the monthly volume reports shall also be included with the routine quarterly monitoring reports required pursuant to General Condition I.A.

THIS IS THE LAST PAGE OF THIS PERMIT

DRAFT

MET POLITAN ST. LOUIS SEWER DI TRICT
INDUSTRIAL WASTEWATER DISCHARGE PERMIT

FACT SHEET

Check If:
FIRST TIME PERMIT: ___
PERMIT RENEWAL: ✓
PERMIT REVISION: ___

Prepared by: FTG
Date: 12.12.96
Checked by: BS
Date: 1/9/97

PERMIT NO: 05115598-02 EFFECTIVE DATE: FEBRUARY 1, 1997

EXPIRATION DATE: NOVEMBER 30, 2000
MODIFICATION DATE(S): 3/31/98 FTG (NAME Δ)
5/17/99 FTG

OTHER ACCOUNT NUMBERS: NONE

COMPANY NAME: LAIDLAW WASTE SYSTEMS, INC.

PREMISE ADDRESS: 13570 ST. CHARLES ROCK RD BRIDGETON, MO 63044

SIC NUMBER(S): 4953

TYPE OF OPERATION: SANITARY LANDFILL

TOTAL NUMBER OF SAMPLING POINTS: ONE
NUMBER OF: ORDINANCE ✓ CATEGORICAL ___ COMBINED ___

CATEGORICAL INDUSTRY: YES ___ NO ✓
IF YES, 40 CFR ___ SUBPART ___

EXTRA STRENGTH SURCHARGE: YES ___ NO ✓
IF YES, BOD: ___ COD: ___ TSS: ___

RETURN FACTOR: YES ___ NO ✓ IF YES, PERCENT (%): ___

SPECIAL CONDITIONS: YES ✓ NO ___

SUPPORTING DOCUMENTS ATTACHED:

PERMIT PREPARATION CHECK LIST: YES ✓ NO ___
POLLUTANT & LIMITATIONS DOCUMENTATION SHEETS: YES ✓ NO ___
PRODUCTION BASED STDS CALCULATION SHEETS: YES ___ NO ___ N/A ✓
IF YES, FOR SAMPLING POINT: ___
MOST STRICT STANDARDS CALCULATION SHEETS: YES ___ NO ___ N/A ✓
IF YES, FOR SAMPLING POINT: ___
COMBINED WASTESTREAMS CALCULATION SHEETS: YES ___ NO ___ N/A ✓
IF YES, FOR SAMPLING POINT: ___
OTHER: ___

COMMENTS: Current permit expires 3/31/96. Early renewal due to change in SP location.

MSD 022469

PERMIT NO: 051155[illegible]6-02

SAMPLING POINT REFERENCE NUMBER: 005

WASTEWATER SOURCES: SAN + LEACHATE FROM SAN. LANDFILL
FLOW RATE (GPD): 275,300
BASIS FOR FLOW RATE: IUQ

GENERAL POLLUTANTS:
BOD ✓ COD ✓ O & G ✓ PH ✓ TEMP ✓ TSS ✓
OTHER AMONIA AS NITROGEN

PRIORITY POLLUTANTS: TTO, Cd, Cr, Cu, Pb, Ni, Zn *

BASIS FOR POLLUTANTS & LIMITATIONS:
TTO: MSD ORD. #9472
Cd, Cr, Cu, Pb, Ni, Zn: "KP" ON IUQ

SPECIAL CONDITION(S) REQUIRED: YES ✓ NO ____
IF YES, # F.3 # ____ # ____ # ____ IS APPLICABLE.

* As & Hg ADDED 5/17/99. FG

SAMPLING POINT REFERENCE NUMBER: ____

WASTEWATER SOURCES: ____
FLOW RATE (GPD): ____
BASIS FOR FLOW RATE: ____

GENERAL POLLUTANTS:
BOD ___ COD ___ O & G ___ PH ___ TEMP ___ TSS ___
OTHER ____

PRIORITY POLLUTANTS: ____

BASIS FOR POLLUTANTS & LIMITATIONS: ____

SPECIAL CONDITION(S) REQUIRED: YES ____ NO ____
IF YES, # ____ # ____ # ____ # ____ IS APPLICABLE.

Rev: 10/27/93

Company Name: LANDLAW WASTE SYSTEMS, INC. Cat 4

Acct. Number: 06115598-02 Date: 12·12·96

Prepared By: FTG
Reviewed By / Date:
_____/_____
_____/_____

PERMIT PREPARATION CHECK LIST (Rev 02/29/96)

REVIEW THE PRETREATMENT DATABASE AND INDUSTRY FILE. ANSWER THE FOLLOWING QUESTIONS AND UPDATE THE DATABASE PRIOR TO DEVELOPING THE DRAFT PERMIT. ATTACH COMPLETED CHECK LIST TO PERMIT FACT SHEET.

1. Are the correct SIC numbers listed? ✓ Yes ___ No
   If No - add: _____.
   - delete: _____.

2. Is user in surcharge - Category 2? ___ Yes ✓ No
   If Yes - date last certified: _____.
   Special Condition F.2 is applicable.

3. Does user have more than one water account? ___ Yes ✓ No
   If Yes - is PSIM using the most appropriate account number? ___ Yes ___ No
   If No - what account number should be used?
   #_____. Prepare Jar 019 request.

4. If user has only one water account, do the discharge factors provide an accurate representation of the flows at each sampling point? ✓ N/A ___ Yes ___ No
   If No - explain: _____.

5. Does user have a return factor less than 1.00 for any account? ___ Yes ✓ No
   If Yes - list account number, return factor and date updated:
   #_____ RF_____ UPDATED_____.
   #_____ RF_____ UPDATED_____.
   Special Condition F.1 is applicable.

6. Does user discharge water from a source not included in MSD's billing system? ✓ Yes ___ No
   If Yes - Special Condition F.3 is applicable.

7. Has user been granted a variance from an ordinance limitation? ___ Yes ✓ No
   If Yes - parameter(s)_____at sampling point(s)_____.
   Special Condition C.4 is applicable.

8. Does user discharge any radioactive waste? ___ Yes ✓ No
   If Yes - Special Condition E.18 is applicable?

9. Do all of the user's active connections, to the District sewers, have identified sampling points? ✓ Yes ___ No
   If No - how many do not? _____.
   Explain: _____.
   If No - can Special Condition E.5, E.6, E.7 or E.8 be used? ___ Yes ___ No
   If Yes - is documentation sufficient? ___ Yes ___ No
   If No - is compl schedule necessary to establish documentation? ___ Yes ___ No
   If Yes - Special Condition G.1 is applicable.

10. Does user have upstream/downstream sampling points? ___ Yes ✓ No
    If Yes - upstream # _____ & downstream # _____.
    If Yes - Special Conditions D.11 and E.9 are applicable.

Acct. Number: 05115598-[redacted]

11. Are there any inactive wastewater connections to District sewers? ___Yes ✓ No
    If Yes - does Special Condition E.10 apply? ___Yes ___No

12. Do the Sampling Point Location comments specifically locate the sampling point(s)? ✓ Yes ___No

13. Do the Wastewater Source and Category comments accurately identify the wastewater discharged and the applicable categorical standards? ✓ Yes ___No

14. Are there any sampling points identified as Dry Justified? ___Yes ✓ No
    If Yes - which sampling point(s) _____.
    Special Condition E.3 is applicable.

15. Are there sampling points which convey stormwater in addition to wastewater? ___Yes ✓ No
    If Yes - which sampling point(s): _____.
    Special Condition D.10 is applicable.

16. Are there sampling points subject to a NPDES permit? ✓ Yes ___No
    If Yes - which sampling point(s): 002, 003, 004.
    Special Condition E.14 is applicable.

17. Does user discharge any process waste? ✓ Yes ✓ No
    If No - does Special Condition B.1, B.2 or B.3 apply? ___Yes ✓ No

18. Are there sampling points which convey no process waste flows? ✓ Yes ___No
    If Yes - does Special Condition E.3 apply? ___Yes ✓ No
    If Yes - which sampling point(s): _____.

19. Can grab samples be used in lieu of composite samples? ___Yes ✓ No
    If Yes - which sampling point(s): _____.
    If Yes - is documentation adequate? ___Yes ___No
    Special Condition D.1 is applicable.

20. Are there sampling points with less than quarterly sampling frequency for all parameters? ___Yes ✓ No
    If Yes - which sampling point(s): _____.
    Special Condition E.4 is applicable.

21. Do the ordinance discharge limits correspond to the watershed? ✓ Yes ___No
    Watershed is classified small____ or large ✓ river.

22. Are all applicable priority pollutants listed at ordinance sampling points? ✓ Yes ___No
    If No - add: _____.
    - delete: _____.

23. Can user be exempted from monitoring for local limits TTO at any ordinance sampling point(s)? ___Yes ✓ No
    If Yes - which sampling point(s) _____.
    If Yes - explain _____

Acct. Number: 05115598-[redacted]

24. Does user have a history of compliance problems at this or a previous location? ___Yes ✓No
    If Yes - is a compliance schedule required? ___Yes___No
    If Yes - Special Condition G.1 is applicable.

25. Is user a categorical user? ___Yes ✓No
    If No - questions 26 through 39 can be skipped.

26. Do any sampling points have both Ordinance & Categorical limits? ___Yes___No
    If Yes - which sampling point(s):_____.
    Special Condition C.3 is applicable. Attach worksheet.

27. Is the Combined Wastestream Formula (CWF) required? ___Yes___No
    If Yes - which sampling point(s):_____.
    If Yes - date last calculated:_____.
    Special Condition C.2 is applicable. Attach CWF worksheet.

28. Are there process discharges, from a categorical operation, for which standards have not been promulgated? ___Yes___No
    If Yes - which sampling point(s):_____.
    Is Special Condition E.20 applicable? ___Yes___No

29. Are categorical limitations based on production rates? ___Yes___No
    If Yes - which sampling point(s):_____.
    If Yes - date last calculated:_____.
    Do Special Conditions C.1, E.1 or E.2 apply? ___Yes___No
    If Yes - which Special Condition(s):_____.

30. Are categorical limitations mass limits? ___Yes___No
    If Yes - which sampling point(s):_____.
    Special Condition E.19 is applicable.

31. Is user a job shop electroplater with >10,000 gpd? ___Yes___No
    If Yes - Special Condition D.2 is applicable.

32. Is user a soap and detergent manufacturer subject to 40 CFR 417? ___Yes___No
    If Yes - are they subject to Subparts O__, P__, Q__ or R__? ___Yes___No
    If Yes - for Subpart O, Special Condition B.4 is applicable.
    If Yes - for Subpart P, Special Condition B.5 is applicable.
    If Yes - for Subpart Q, Special Condition B.6 is applicable.
    If Yes - for Subpart R, Special Condition B.7 is applicable.

33. Is user a leather tanner/finisher subject to 40 CFR 425? ___Yes___No
    If Yes - under Appendix A, Special Condition D.6 is applicable.
    If Yes - under Appendix B, Special Condition D.7 is applicable.

34. Is user a pharmaceutical manufacturer subject to 40 CFR 439? ___Yes___No
    If Yes - have they certified to the absence of cyanide? ___Yes___No
    If Yes - Special Condition E.15 is applicable.
    If No - must total cyanide limitations be adjusted? ___Yes___No
    If Yes - calculate adjusted limitations. Attach worksheet.

35. Is user a metal molder/caster subject to 40 CFR 464? ___Yes___No
    If Yes - Special Condition D.4 is applicable.

Acct. Number: 05115598[illegible]02

36. Is user a coil coater subject to 40 CFR 465? ___Yes___No
If Yes - Special Conditions D.5 and E.16 are applicable.
If Yes - is user subject to 40 CFR 465 Subpart D? ___Yes___No
If Yes - Special Conditions D.9 and E.17 are applicable.
If Yes - is there a separate categorical sampling point for the regulated waste? ___Yes___No
If Yes - include O&G (Hydrocarbon) in the list of parameters at the categorical sampling point.
If No - and categorical waste discharges at a combined ord/cat sampling point, include O&G (Total) and O&G (Hydrocarbon) in the list of parameters at the combined sampling point.

37. Do any sampling points have both Ordinance & Categorical TTO limits? ___Yes___No
If Yes - which sampling point(s):_____.
Is Special Condition E.13 applicable? ___Yes___No
If Yes - explain:_____.

38. Can user certify, in lieu of monitoring, for categorical TTO at a categorical or combined sampling point? ___Yes___No
If Yes - which sampling point(s):_____.
Special Condition E.11 ____ or E.12 ____ is applicable.

39. May user monitor for Oil & Grease, in lieu of TTO, at a categorical sampling point? ___Yes___No
If Yes - which sampling point(s):_____.
If Yes - Special Condition D.8 is applicable.
If Yes - is a modification of Special Condition E.13 applicable? ___Yes___No

40. Is user required to monitor for Total Phenols? ___Yes ✓ No
If Yes - is Special Condition D.3 applicable? ___Yes___No

41. Are all SARA Data pollutants monitored? ✓ N/A ___Yes___No
If No - do additional pollutants need to be monitored? ___Yes___No
If Yes - list pollutant(s):_____.

42. Are all Haz Waste Report (403.12(p)) pollutants monitored? ✓ N/A ___Yes___No
If No - do additional pollutants need to be monitored? ___Yes___No
If Yes - list pollutant(s):_____.

43. Are there any special billing provisions, not previously listed, that require a Special Condition in the permit? ___Yes ✓ No
If Yes - describe:

~~PERMITTEE SHALL SUBMIT TO DISTRICT'S FINANCE DEPT. MONTHLY REPORTS WHICH INCLUDE THE VOLUME OF LEACHATE DISCHARGED THROUGH SPOON.~~

44. Are any Special Conditions other than the standard Special Conditions needed? ___Yes ✓ No
If Yes - please describe:

_____

_____

_____

Acct. Number: 05115598-0

SUMMARY: List all the Special Conditions applicable to this permit:

#E.14 #F.3 #____ #____ #____ #____ #____ #____ #____

If Special Condition G.1 is applicable, outline the requirements & dates below:

PERMIT MODIFICATION
DOCUMENTATION FORM

Permit to be Modified:

Company Name: BRIDGETON LANDFILL, LCC

Location: 13570 ST. CHARLES ROCK RD. BRIDGETON, MO 63044

Permit No: 05115598-00 Effective Date: 03-31-98

What is to be Modified:

Briefly explain what is to be modified and then list the pages affected:

COMPANY CHANGED LEGAL NAME, EFFECTIVE 1/1/98.

Pg. # 1 CHANGE PERMITTEE NAME TO BRIDGETON LANDFILL, LCC FROM LAIDLAW WASTE SYSTEMS, INC.

Pg. #___

Pg. #___

Pg. #___

Reasons for Modification: (Cite regulation, policy, etc. and identify any other documents which support the modification)

SEE COMPANY'S 3/23/98 TO DSTRCT IN PMT FILE. LETTER IDENTIFIED NAME CHANGE.

Modification Form Prepared By: FG Date: 3/27/98

****

Permit Modified by: FG Date: 3/27/98

Entire permit reissued ~~NO~~ (or) Only page~~s~~ 1 modified.

MSD 022476

PERMIT MODIFICATION
DOCUMENTATION FORM

Permit to be Modified:

Company Name: BRIDGETON LANDFILL, LLC

Location: 13570 ST. CHARLES ROCK ROAD BRIDGETON, MO 63044

Permit No: 05115598-02 Effective Date: 05-17-99

What is to be Modified:

Briefly explain what is to be modified and then list the pages affected.

ADD SEVERAL PARAMETERS FOR MONITORING PURPOSES TO SP 001.

Pg. # 2 ① ADD As & Hg TO MONITORING REQUIREMENTS.

Pg. #___

Pg. #___

Pg. #___

Reasons for Modification: (Cite regulation, policy, etc. and identify any other documents which support the modification)

① 08-03-98 LETTER TO DISTRICT IDENTIFIED CONCENTRATIONS OF As & Hg FROM CONDENSATE (GAS COLLECTION SYSTEM) THAT WARRANT MONITORING.

② DISTRICT'S 04-26-99 INSPECTION CONFIRMED NEED TO ADD THESE PARAMETERS. SEE INDUSTRY FILE.

Modification Form Prepared By: FTG Date: 05-11-99

****

Permit Modified by: FTG Date: 05-11-99

Entire permit reissued NO (or) Only pages 2 modified.

MSD 022477

Metropolitan
St. Louis Sewer
District

FOR MSD USE ONLY		
ACCOUNT NUMBER: 05115598-02	CATEGORY: 1 2 3 4 5 6 Q	
TA: MISSOURI TS: FORCE MAIN	Reviewer's Initials:	Date: 9-24-96

METROPOLITAN ST. LOUIS SEWER DISTRICT
DEPARTMENT OF ENVIRONMENTAL COMPLIANCE
INDUSTRIAL USER QUESTIONNAIRE

Note to Signing Official: In accordance with Title 40 of the Code of Federal Regulations Part 403 Section 403.14, information and data provided in this questionnaire which identifies the nature and frequency of discharge shall be available to the public without restriction. Requests for confidential treatment of other information shall be governed by procedures specified in 40 CFR Part 2. Should a discharge permit be required for your facility, the information in this questionnaire will be used to issue the permit.

SECTION A - GENERAL INFORMATION

1. Company Name: LAIDLAW WASTE SYSTEMS INC. - BRIDGETON
2. Mailing Address: 13570 ST. CHARLES ROCK ROAD
   BRIDGETON, MO Zip Code 63044
3. Premise Address: SAME
   Zip Code
4. Person Authorized to Sign Reporting Documents:
   Name and Title: LARRY GIROUX - SR. DIVISION MANAGER
   Tel No (314) 739 1919
5. Check one: [X] Existing Discharge
   [] Proposed Discharge If proposed, indicate discharge start date:
6. Shift Information:
   a. Number of shifts per work day: 3 and work days per week: 5.5
   b. Average number of employees per shift: 1st 20 2nd 4 3rd 3 Total: 27
   c. Shift start times: 1st 0600 2nd 1500 3rd 2300

SECTION B - PRODUCT OR SERVICE INFORMATION

1. Briefly describe the primary manufacturing or service activities at the premise address and list the applicable SIC number for each activity:

	PRIMARY ACTIVITIES	SIC NUMBER
a.	SANITARY LANDFILL	4953
b.		
c.		
d.		

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SEP 23 1996
Environmental Compliance

Company Name: LAIDLAW WASTE SYSTEMS-BRIDGETON
Premise Address: 13570 ST. CHARLES ROCK RD.
Account Number: 05115598-02

SECTION B - PRODUCT OR SERVICE INFORMATION (Cont'd)

2. Are primary activities generally batch or continuous processes? [] batch [X] continuous
3. Principal raw materials used: N/A
4. Principal products produced: N/A
5. Check all activities which are conducted at your premise in addition to the primary activities described in B.1 above. Indicate the SIC number, if known. Do not check activities which are already included in B.1.

	SIC NO.		SIC NO.
[] Adhesive & Sealants Mfg.		[] Mineral Mining & Processing	
[] Aluminum Forming		[] Nonferrous Metals Forming	
[] Asbestos Mfg.		[] Nonferrous Metals Mfg	
[] Battery Mfg.		[] Organic Chem., Plastics & Synthetic Fibers Mfg	
[] Builder's Paper and Roofing Felt Mfg.		[] Paint Formulating	
[] Carbon Black Mfg.		[] Painting, Finishing or Paint Stripping	
[] Cement Mfg.		[] Parts Washing	
[] Coil Coating		[] Paving and Roofing Materials	
[] Copper Forming		[] Pesticide Chem. Mfg., Formulating, Packaging	
[] Dairy Products Processing		[] Petroleum Refining	
[] Drum Reconditioning		[] Pharmaceutical Mfg	
[] Electrical and Electronic Components		[] Phosphate Mfg	
[] Electroplating		[] Photographic Processing	
[] Explosive Mfg.		[] Plastic Molding and Forming	
[] Feedlots		[] Porcelain Enameling	
[] Ferroalloy Mfg.		[] Printing & Publishing	
[] Fertilizer Mfg.		[] Pulp, Paper & Paperboard Mfg	
[] Food Preparation		[] Q. C. Laboratory	
[] Fruits and Vegetable Processing		[] R & D Laboratory	
[] General Offices		[] Radioactive Materials Processing	
[] Glass Mfg.		[] Repair Shop, Garage	
[] Grain Milling		[] Rubber & Rubber Prod. Mfg.	
[] Gum & Wood Chemical Mfg.		[] Seafood Processing	
[] Hazardous Waste Treatment, Storage or Disposal		[] Soap and Detergent Mfg.	
[] Health Care & Hospital		[] Solvent Recycling	
[] Industrial Laundry		[] Steam Electric Power Generation	
[] Ink Formulating		[] Sugar Processing	
[] Inorganic Chemicals Mfg.		[] Textile Mills	
[] Iron and Steel Mfg.		[] Timber Products Mfg.	
[] Leather Tanning and Finishing		[] Transportation Equipment Cleaning	
[] Machine Shop		[] Transportation Services	
[] Machinery Mfg. or Rebuilding		[] Used Oil Reclamation	
[] Meat Processing		[] Vehicle/equipment Washing	
[] Metal Finishing		[] Warehousing	
[] Metal Molding and Casting		[] Waste Recycling	
		[X] Others ~~SANITARY LANDFILL~~ cc	~~4733~~

6. Are your processes subject to seasonal variation? [] Yes [X] No
If "Yes," explain and indicate the month(s) of peak activity.

RECEIVED
SEP 2 3 1996
Environmental Compliance

MSD 022479

Company Name: LAIDLAW WASTE SYSTEMS - BRIDGETON
Premise Address: 13570 ST. CHARLES ROCK RD.
Account Number: 05115598-02

SECTION C - WATER CONSUMPTION AND WASTEWATER DISCHARGES

1. Raw Water Source(s):
   - [] City of St. Louis Water Div.
   - [X] St. Louis Co. Water Co.
   - [] Other Municipal Source _____
   - [] Hauled by Contractor
   - [] Surface water
   - [] Private Well
   - [] Other (describe) _____

2. Water Bill Addressee: WESTLAKE CORP.
3. Water Service Account Numbers: UNKNOWN
4. List past twelve months water usage from: N/A

				[] Water Bills	[] Other Sources
a. 1st quarter	____19__	through	____19__	____Ccf	____Ccf
b. 2nd quarter	____19__	through	____19__	____Ccf	____Ccf
c. 3rd quarter	____19__	through	____19__	____Ccf	____Ccf
d. 4th quarter	____19__	through	____19__	____Ccf	____Ccf

5. Describe any treatment or conditioning process performed on the raw water before use: NONE

6. Identify all water uses within your facility:

Water Uses	Estimated average daily use (Gallons per Day)
a. Sanitary	300
b. Irrigation & lawn watering	
c. Non-contact cooling water	
d. Contact cooling water	
e. Process water	
f. Plant & equipment washdown	
g. Boiler	
h. Other uses ROAD WATERING	15,000
~~i. Total of USES (6a through 6h):~~ REMOVE LEACHATE	275,000
i. TOTAL	290,300

7. Identify all water losses and wasterwater discharges from your facility:

Water Losses & Discharges	Estimated average daily loss/discharge (Gallons per Day)
a. Municipal sewer	275000 *
b. Watercourse, storm drain, ground	
c. Haulers	300
d. Evaporation	15000
e. Contained in product	
f. Total of LOSSES & DISCHARGES: (7a through 7e must equal total at 6i)	290300 ~~290,300~~

* ANNUALIZED.

8. List average water usage and average wastewater discharge for each activity listed in Sections B.1 and B.5. Attach additional sheets if needed.

Item No.	Activity	Type of Discharge Cont.	Batch	None	Avg Water Use (GPD)	Avg Discharge to Mun sewer (GPD)	Date When Activity First Commenced At This Facility
1	SANITARY	[]	X	[]	300	300	UNKNOWN
2	ROAD WATERING	[]	[]	X	15000	0	UNKNOWN
3	LEACHATE REMOVAL	X	[]	[]	0	275000	UNKNOWN
		[]	[]	[]			
		[]	[]	[]			
		[]	[]	[]			

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Company Name: LAWLAW WASTE SYSTEMS - BRIDGETON
Premise Address: 13510 ST CHARLES ROCK RD
Account Number: 05115598-02

SECTION D - SEWER CONNECTION INFORMATION

1. Attach a scale drawing of your premise which shows:
   a. All buildings, structures, alleys, streets and other pertinent features.
   b. All sewers and drains, including all connections, inlets, manholes, vents and other access or control structures. Identify each sewer as sanitary, storm or combined and indicate its size.
   c. A sampling point for each connection to the public sewer.
   d. A sampling point for each discharge from a federally regulated categorical process.
   e. A sampling point for each discharge to a separate storm sewer or water course.

2. List each sampling point identified in 1.c, d and e above and each connection for which there is no sampling point. Assign a sequential reference number to each point, starting with No. 1. Attach additional sheets if needed.

Reference Number	Sewer Size (inches)	Description of sewer sampling point or connection (Vent, manhole, valve, tank or other appurtenance. Indicate size and location)	Total Daily Average Flow (GPD)
1	4	LEACHATE LAGOON DISCHARGE MANHOLE	275000
2			
3			
4			
5			

SECTION E - WASTEWATER INFORMATION

1. For each point listed in D.2 above, list the wastewater discharge corresponding to each water usage listed in Section C.6. Attach additional sheets if needed.

Type Wastewater	Discharge Quantity (GPD) for each sampling point or connection listed in D.2					Facility Total.
	1	2	3	4	5	(See Instructions)
a. Sanitary	220					
b. Irrigation & Lawn Watering						
c. Non-Contact Cooling Water						
d. Contact Cooling Water						
e. Process (From C.8)						
LEACHATE REMOVAL	275000					
f. ~~Plant & Equipment Washdown~~						
g. Boiler Blowdown						
h. Other (_____)						
Regeneration Waste (C.5)						
Totals (Same as D.2)	275000					

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2. If any of the above points discharge to a watercourse or a separate storm sewer, complete the following:

NPDES Outfall Number	N/A				
NPDES Permit Number	N/A				

3. Do any of the above sampling points also convey stormwater from your premise ?

	[] Yes [X] No	[] Yes [] No	[] Yes [] No	[] Yes [] No	[] Yes [] No

4. Do you pretreat any of the wastes discharged through any of the above points?

	[X] Yes [] No	[] Yes [] No	[] Yes [] No	[] Yes [] No	[] Yes [] No

Company Name: AIDLAW WASTE SYSTEMS
Premise Address: 13570 ST. CHARLES ROCK RD.
Account Number: 05115598-02

SECTION E - WASTEWATER INFORMATION (Cont'd)

5. Describe the type of wastewater pretreatment you employ prior to each point for which you marked "Yes" in E.4:

Point No.	Pretreatment System Description
1	AERATION / RETENTION LAGOON

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6. Does your facility have:
   a. A spill control plan? [X] Yes [] No
   b. A waste minimization plan? [] Yes [X] No
   c. A solvent management plan? [] Yes [X] No — SOLVENTS RECYCLED BY SAFETY KLEEN
   d. A slug discharge control plan? [] Yes [X] No

7. If any wastewater analyses have been performed on the wastewater discharges from your facility attach copies of the most recent data. Be sure to specify the locations from which the samples were collected. Attach sketches, plans, drawings, etc. as necessary.

8. Priority Pollutant Information: Check one of the four boxes by each listed chemical to indicate whether it is: "Suspected Absent", "Known Absent", "Suspected Present", or "Known Present" ON YOUR PREMISE. Any chemical which is used in your manufacturing or service activity or is generated as a product or as a by-product should be marked "Known Present". Some pollutants are known by other names. Refer to the instruction booklet for those pollutants which have an asterisk (*).

SA = "Suspected Absent" KA = "Known Absent" SP = "Suspected Present" KP = "Known Present"

ITEM NO.	PRIORITY POLLUTANT	SA	KA	SP	KP
1.	asbestos (fibrous)	[]	[]	X	[]
2.	cyanide (total)	[]	[]	X	[]
3.	antimony (total)	[]	[]	X	[]
4.	arsenic (total)	[]	[]	X	[]
5.	beryllium (total)	[]	[]	X	[]
6.	cadmium (total)	[]	[]	[]	X
7.	chromium (total)	[]	[]	[]	X
8.	copper (total)	[]	[]	[]	X
9.	lead (total)	[]	[]	[]	X
10.	mercury (total)	[]	[]	X	[]
11.	nickel (total)	[]	[]	[]	X
12.	selenium (total)	[]	[]	X	[]
13.	silver (total)	[]	[]	X	[]
14.	thallium (total)	[]	[]	X	[]
15.	zinc (total)	[]	[]	[]	X
16.	acenaphthene	X	[]	[]	[]
17.	acenaphthylene	X	[]	[]	[]
18.	acrolein	X	[]	[]	[]
19.	acrylonitrile	X	[]	[]	[]
20.	aldrin	X	[]	[]	[]
21.	anthracene	X	[]	[]	[]
22.	benzene	X CK	[]	X	[]
23.	benzidine	X	[]	[]	[]
24.	benzo (a) anthracene *	X	[]	[]	[]
25.	benzo (a) pyrene	X	[]	[]	[]
26.	benzo (b) fluoranthene	X	[]	[]	[]
27.	benzo (g,h,i) perylene *	X	[]	[]	[]
28.	benzo (k) fluoranthene *	X	[]	[]	[]
29.	alpha-BHC	X	[]	[]	[]
30.	beta-BHC	X	[]	[]	[]
31.	delta-BHC	X	[]	[]	[]
32.	gamma-BHC *	X	[]	[]	[]
33.	bis (2-chloroethyl) ether *	X	[]	[]	[]
34.	bis (2-chloroethoxy) methane *	X	[]	[]	[]
35.	bis (2-chloroisopropyl) ether *	X	[]	[]	[]
36.	Reserved				
37.	bis (2-ethylhexyl) phthalate	X	[]	[]	[]
38.	bromodichloromethane *	X	[]	[]	[]
39.	bromoform *	X	[]	[]	[]
40.	bromomethane *	X	[]	[]	[]
41.	4-bromophenylphenyl ether	X	[]	[]	[]
42.	butylbenzyl phthalate	X	[]	[]	[]
43.	carbon tetrachloride *	X	[]	[]	[]
44.	chlordane	X	[]	[]	[]
45.	4-chloro-3-methylphenol *	X	[]	[]	[]
46.	chlorobenzene	[]	[]	X	[]
47.	chlorethane *	[]	[]	X	[]
48.	2-chloroethylvinyl ether	X	[]	[]	[]
49.	chloroform *	X	[]	[]	[]
50.	chloromethane *	X	[]	[]	[]
51.	2-chloronaphthalene	X	[]	[]	[]
52.	2-chlorophenol *	X	[]	[]	[]
53.	4-chlorophenylphenyl ether	X	[]	[]	[]
54.	chrysene *	X	[]	[]	[]
55.	4,4'-DDD *	X	[]	[]	[]
56.	4,4'-DDE *	X	[]	[]	[]
57.	4,4'-DDT *	X	[]	[]	[]
58.	dibenzo (a,h) anthracene *	X	[]	[]	[]
59.	dibromochloromethane *	X	[]	[]	[]
60.	1,2-dichlorobenzene *	X	[]	[]	[]
61.	1,3-dichlorobenzene *	X	[]	[]	[]
62.	1,4-dichlorobenzene *	X	[]	[]	[]
63.	3,3'-dichlorobenzidine	X	[]	[]	[]
64.	Reserved				
65.	1,1-dichloroethane *	X	[]	[]	[]
66.	1,2-dichloroethane *	X	[]	[]	[]
67.	1,1-dichloroethene *	[]	[]	X	[]
68.	trans-1,2-dichloroethene *	[]	[]	X	[]
69.	2,4-dichlorophenol	X	[]	[]	[]
70.	1,2-dichloropropane *	X	[]	[]	[]
71.	(cis & trans) 1,3-dichloropropene *	X	[]	[]	[]
72.	dieldrin	X	[]	[]	[]
73.	diethylphthalate *	X	[]	[]	[]
74.	2,4-dimethylphenol *	X	[]	[]	[]
75.	dimethyl phthalate	X	[]	[]	[]
76.	di-n-butyl phthalate	X	[]	[]	[]

Continued on Page 6

Company Name: [redacted]LAW WASTE SYSTEMS - BRIDGETON
Premise Address: 13570 ST. CHARLES ROCK RD.
Account Number: 0511 5598-02

SECTION E - WASTEWATER INFORMATION (Cont'd)

5. Describe the type of wastewater pretreatment you employ prior to each point for which you marked "Yes" in E.4:

Point No.	Pretreatment System Description
1	AERATION / RETENTION LAGOON

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6. Does your facility have:
   a. A spill control plan? [X] Yes [] No
   b. A waste minimization plan? [] Yes [X] No
   c. A solvent management plan? [] Yes [X] No
   d. A slug discharge control plan? [] Yes [X] No

7. If any wastewater analyses have been performed on the wastewater discharges from your facility attach copies of the most recent data. Be sure to specify the locations from which the samples were collected. Attach sketches, plans, drawings, etc. as necessary.

8. Priority Pollutant Information: Check one of the four boxes by each listed chemical to indicate whether it is: "Suspected Absent", "Known Absent", "Suspected Present", or "Known Present" ON YOUR PREMISE. Any chemical which is used in your manufacturing or service activity or is generated as a product or as a by-product should be marked "Known Present". Some pollutants are known by other names. Refer to the instruction booklet for those pollutants which have an asterisk (*).

SA = "Suspected Absent" KA = "Known Absent" SP = "Suspected Present" KP = "Known Present"

ITEM NO.	PRIORITY POLLUTANT	SA	KA	SP	KP
1.	asbestos (fibrous)	[]	[]	X	[]
2.	cyanide (total)	[]	[]	X	[]
3.	antimony (total)	[]	[]	X	[]
4.	arsenic (total)	[]	[]	X	[]
5.	beryllium (total)	[]	[]	X	[]
6.	cadmium (total)	[]	[]	[]	X
7.	chromium (total)	[]	[]	[]	X
8.	copper (total)	[]	[]	[]	X
9.	lead (total)	[]	[]	[]	X
10.	mercury (total)	[]	[]	X	[]
11.	nickel (total)	[]	[]	[]	X
12.	selenium (total)	[]	[]	X	[]
13.	silver (total)	[]	[]	X	[]
14.	thallium (total)	[]	[]	X	[]
15.	zinc (total)	[]	[]	[]	X
16.	acenaphthene	X	[]	[]	[]
17.	acenaphthylene	X	[]	[]	[]
18.	acrolein	X	[]	[]	[]
19.	acrylonitrile	X	[]	[]	[]
20.	aldrin	X	[]	[]	[]
21.	anthracene	X	[]	[]	[]
22.	benzene	[]	[]	X	[]
23.	benzidine	X	[]	[]	[]
24.	benzo (a) anthracene *	X	[]	[]	[]
25.	benzo (a) pyrene	X	[]	[]	[]
26.	benzo (b) fluoranthene	X	[]	[]	[]
27.	benzo (g,h,i) perylene *	X	[]	[]	[]
28.	benzo (k) fluoranthene *	X	[]	[]	[]
29.	alpha-BHC	X	[]	[]	[]
30.	beta-BHC	X	[]	[]	[]
31.	delta-BHC	X	[]	[]	[]
32.	gamma-BHC *	X	[]	[]	[]
33.	bis (2-chloroethyl) ether *	X	[]	[]	[]
34.	bis (2-chloroethoxy) methane *	X	[]	[]	[]
35.	bis (2-chloroisopropyl) ether *	X	[]	[]	[]
36.	Reserved				
37.	bis (2-ethylhexyl) phthalate	X	[]	[]	[]
38.	bromodichloromethane *	X	[]	[]	[]
39.	bromoform *	X	[]	[]	[]
40.	bromomethane *	X	[]	[]	[]
41.	4-bromophenylphenyl ether	X	[]	[]	[]
42.	butylbenzyl phthalate	X	[]	[]	[]
43.	carbon tetrachloride *	X	[]	[]	[]
44.	chlordane	X	[]	[]	[]
45.	4-chloro-3-methylphenol *	X	[]	[]	[]
46.	chlorobenzene	[]	[]	X	[]
47.	chlorethane *	[]	[]	X	[]
48.	2-chloroethylvinyl ether	X	[]	[]	[]
49.	chloroform *	X	[]	[]	[]
50.	chloromethane *	X	[]	[]	[]
51.	2-chloronaphthalene	X	[]	[]	[]
52.	2-chlorophenol *	X	[]	[]	[]
53.	4-chlorophenylphenyl ether	X	[]	[]	[]
54.	chrysene *	X	[]	[]	[]
55.	4,4'-DDD *	X	[]	[]	[]
56.	4,4'-DDE *	X	[]	[]	[]
57.	4,4'-DDT *	X	[]	[]	[]
58.	dibenzo (a,h) anthracene *	X	[]	[]	[]
59.	dibromochloromethane *	X	[]	[]	[]
60.	1,2-dichlorobenzene *	X	[]	[]	[]
61.	1,3-dichlorobenzene *	X	[]	[]	[]
62.	1,4-dichlorobenzene *	X	[]	[]	[]
63.	3,3'-dichlorobenzidine	X	[]	[]	[]
64.	Reserved				
65.	1,1-dichloroethane *	X	[]	[]	[]
66.	1,2-dichloroethane *	X	[]	[]	[]
67.	1,1-dichloroethene *	[]	[]	X	[]
68.	trans-1,2-dichloroethene *	[]	[]	X	[]
69.	2,4-dichlorophenol	X	[]	[]	[]
70.	1,2-dichloropropane *	X	[]	[]	[]
71.	(cis & trans) 1,3-dichloropropene *	X	[]	[]	[]
72.	dieldrin	X	[]	[]	[]
73.	diethylphthalate *	X	[]	[]	[]
74.	2,4-dimethylphenol *	X	[]	[]	[]
75.	dimethyl phthalate	X	[]	[]	[]
76.	di-n-butyl phthalate	X	[]	[]	[]

Continued on Page 6

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Company Name: LAIDLAW WASTE SYSTEMS
Premise Address: 13570 ST. CHARLES ROCK RD
Account Number: 05115598-02

SECTION E - WASTEWATER INFORMATION (Cont'd)

Priority Pollutant Information (Cont'd)

SA = "Suspected Absent" KA = "Known Absent" SP = "Suspected Present" KP = "Known Present"

ITEM NO.	PRIORITY POLLUTANT	SA	KA	SP	KP
77.	di-n-octyl phthalate *	X			
78.	4,6-dinitro-2-methylphenol *	X			
79.	2,4-dinitrophenol	X			
80.	2,4-dinitrotoluene	X			
81.	2,6-dinitrotoluene	X			
82.	1,2-diphenylhydrazine *	X			
83.	endosulfan I *	X			
84.	endosulfan II *	X			
85.	endosulfan sulfate	X			
86.	endrin	X			
87.	endrin aldehyde	X			
88.	ethylbenzene			X	
89.	fluoranthene	X			
90.	fluorene *	X			
91.	heptachlor	X			
92.	heptachlor epoxide	X			
93.	hexachlorobenzene *	X			
94.	hexachlorobutadiene	X			
95.	hexachlorocyclopentadiene *	X			
96.	hexachloroethane *	X			
97.	indeno (1,2,3-cd) pyrene *	X			
98.	isophorone *	X			
99.	methylene chloride *			X	
100.	naphthalene	X			
101.	nitrobenzene	X			
102.	2-nitrophenol	X			
103.	4-nitrophenol *	X			
104.	N-nitrosodimethylamine *	X			
105.	N-nitrosodi-n-propylamine *	X			
106.	N-nitrosodiphenylamine	X			
107.	PCB-1016 *	X			
108.	PCB-1221 *	X			
109.	PCB-1232 *	X			
110.	PCB-1242 *	X			
111.	PCB-1248 *	X			
112.	PCB-1254 *	X			
113.	PCB-1260 *	X			
114.	pentachlorophenol	X			
115.	phenanthrene	X			
116.	phenol			X	
117.	pyrene	X			
118.	2,3,7,8-tetrachlorodibenzo-p-dioxin *	X			
119.	1,1,2,2-tetrachloroethane *	X			
120.	tetrachloroethene *	X			
121.	toluene *	X		X	
122.	toxaphene	X			
123.	1,2,4-trichlorobenzene	X			
124.	1,1,1-trichloroethane *	X			
125.	1,1,2-trichloroethane *	X			
126.	trichloroethene *			X	
127.	Reserved				
128.	2,4,6-trichlorophenol	X			
129.	vinyl chloride *			X	

9. For priority pollutants in E.8 which are indicated "Known Present," list and provide the following data for each. Attach additional sheets if needed.

ITEM NO.	PRIORITY POLLUTANT	HOW USED	ANNUAL USAGE (LBS)	LOSS TO SEWER (LBS/YEAR)
6	CADMIUM	BY PRODUCT OF WASTES	0	<4 *
7	CHROMIUM		0	15 *
8	COPPER		0	<21 *
9	LEAD		0	2.5 *
11	NICKEL		0	<33.5 *
15	ZINC		0	<42 *

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Company Name: LAIDLAW WASTE SYSTEMS - BRIDGETON
Premise Address: 13570 ST. CHARLES ROCK RD.
Account Number: 05115598-02

SECTION E - WASTEWATER INFORMATION (Cont'd)

Priority Pollutant Information (Cont'd)

SA = "Suspected Absent" KA = "Known Absent" SP = "Suspected Present" KP = "Known Present"

ITEM NO.	PRIORITY POLLUTANT	SA	KA	SP	KP
77.	di-n-octyl phthalate *	X			
78.	4,6-dinitro-2-methylphenol *	X			
79.	2,4-dinitrophenol	X			
80.	2,4-dinitrotoluene	X			
81.	2,6-dinitrotoluene	X			
82.	1,2-diphenylhydrazine *	X			
83.	endosulfan I *	X			
84.	endosulfan II *	X			
85.	endosulfan sulfate	X			
86.	endrin	X			
87.	endrin aldehyde	X			
88.	ethylbenzene			X	
89.	fluoranthene	X			
90.	fluorene *	X			
91.	heptachlor	X			
92.	heptachlor epoxide	X			
93.	hexachlorobenzene *	X			
94.	hexachlorobutadiene	X			
95.	hexachlorocyclopentadiene *	X			
96.	hexachloroethane *	X			
97.	indeno (1,2,3-cd) pyrene *	X			
98.	isophorone *	X			
99.	methylene chloride *			X	
100.	naphthalene	X			
101.	nitrobenzene	X			
102.	2-nitrophenol	X			
103.	4-nitrophenol *	X			
104.	N-nitrosodimethylamine *	X			
105.	N-nitrosodi-n-propylamine *	X			
106.	N-nitrosodiphenylamine	X			
107.	PCB-1016 *	X			
108.	PCB-1221 *	X			
109.	PCB-1232 *	X			
110.	PCB-1242 *	X			
111.	PCB-1248 *			X	
112.	PCB-1254 *	X			
113.	PCB-1260 *			X	
114.	pentachlorophenol	X			
115.	phenanthrene	X			
116.	phenol			X	
117.	pyrene	X			
118.	2,3,7,8-tetrachlorodibenzo-p-dioxin *	X			
119.	1,1,2,2-tetrachloroethane *	X			
120.	tetrachloroethene *	X			
121.	toluene *			X	
122.	toxaphene	X			
123.	1,2,4-trichlorobenzene	X			
124.	1,1,1-trichloroethane *	X			
125.	1,1,2-trichloroethane *	X			
126.	trichloroethene *	X CK		X	
127.	Reserved				
128.	2,4,6-trichlorophenol	X			
129.	vinyl chloride *			X	

9. For priority pollutants in E.8 which are indicated "Known Present," list and provide the following data for each. Attach additional sheets if needed.

ITEM NO.	PRIORITY POLLUTANT	HOW USED	ANNUAL USAGE (LBS)	LOSS TO SEWER (LBS/YEAR)
6	CADMIUM	BY-PRODUCT OF WASTES	0	<4 *
7	CHROMIUM		0	15 *
8	COPPER		0	<21 *
9	LEAD		0	2.5 *
11	NICKEL		0	<33.5 *
15	ZINC		0	<42 *

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MSD 022485

Company Name: [redacted]DLAW WASTE SYSTEMS
Premise Address: 13570 ST. CHARLES ROCK RD
Account Number: 05115598-02

SECTION F - NON-SEWERED WASTES

1. Do you generate any liquid wastes or sludges which are not disposed in the sewer system? [X] Yes [ ] No
If "Yes" complete items 2 and 3 below. Note: Be sure to include wastewaters listed in Section C.7.c.
If "No," skip remainder of this section.

2. Information on non-sewered waste:

Type of Waste	Estimated Quantity Disposed/yr	Units	Store on-site	Dispose on-site	Recycle ~~Dispose~~ off-site
[] Acids and/or Alkalies			[]	[]	[]
[X] Equip. Oils and/or Grease	2000	gals/yr.	[]	[]	[X]
[] Infectious Waste			[]	[]	[]
[] Inks/Dyes			[]	[]	[]
[] Kitchen/Food Service Grease			[]	[]	[]
[] Organic Compounds			[]	[]	[]
[] Paints or Paint Sludges			[]	[]	[]
[] Pesticides			[]	[]	[]
[] Pretreatment Sludges			[]	[]	[]
[] Radioactive Waste			[]	[]	[]
[X] Solvents/Thinners	40	gals/yr.	[]	[]	[X]
[] Other			[]	[]	[]
			[]	[]	[]
			[]	[]	[]

3. List your USEPA and/or MDNR Hazardous Waste generator numbers:

USEPA MO-D980741805 MDNR

SECTION G - INDUSTRIAL WASTE SURCHARGE INFORMATION

1. The following analytical information is required for each sampling point or each connection to the public sewer (see D.1.c), only if your water usage exceeds 80 Ccf per month. Representative samples of the wastewater in each sewer must be collected and analyzed for the listed parameters. Concentrations are to be reported in mg/l.

Sewer Number (Refer to Section D.2)
(If more than 5, attach additional sheets)

Daily Average Concentration For Each Sampling Point or Connection

Parameter (mg/l)	1	2	3	4	5
Total Solids	N/T				
Total Suspended Solids	36 mg/l				
Biochemical Oxygen Demand$_5$	39 mg/l				
Chemical Oxygen Demand	390 mg/l				
Flow (gpd)	275000 *				
Date Sampled	5-22 to 5-23/96				
Time Sampled	4-8				
Type of Sample	COMPOSITE				

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Company Name: LAIDLAW WASTE SYSTEMS
Premise Address: 13570 ST. CHARLES ROCK RD.
Account Number: 05115598-02

SECTION G - INDUSTRIAL WASTE (Cont'd)

2. Sample handling information: Organization Name and Address

   a. Samples collected by: SCS ENGINEERS, 125 N MAIN, ST. CHARLES, MO., 63301

   b. Samples analyzed by: QUANTERRA INC, 4101 SHUFFEL DR., N. CANTON, OH 44720

SECTION H - CERTIFICATION AND SIGNATURE

1. The following individual may be contacted regarding the information contained in this questionnaire:

   Name and title of contact person: CHUCK KETRING PG, ENVIRONMENTAL MGR.,

   LAIDLAW WASTE SYSTEMS, INC. Tel No. 314 739-1919 X107

2. "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."

   Name and title of signing official: Larry Simux General Manager

   Tel No. 314-739-1919

   Signature Larry Simux Date 9-17-96

List attachments included with this questionnaire:

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Environmental Compliance

MSD 022487

MCHQP01 (MCHQ) CCF CONSUMPTION HISTORY 09/24/96

MSD ACCT NO: 05115598 - 02 WATER AGCY NO: C0393199

AGCY ON/OFF	NAME/PREM ADDR	CONS CODE	SRVC CODE	SP HNDL	RD FQ	A FQ	BI S	BILL CYC/AREA
04/18/89	LAIDLAW WASTE SYSTEM INC	C	S	Y	M	M	0	04
00/00/00	13570 ST CHARLES ROCK							

LAST UPDATED: 03/07/95

R E A D I N G S

	DATE	CCF READING	STAT			DATE	CCF READING	STAT
1)	04/28/95	12,188		°	10)	01/31/96	8,000	
2)	05/31/95	15,818		°	11)	02/29/96	13,327	
3)	06/30/95	15,452		°	12)	03/29/96	4,723	
4)	07/31/95	7,144		°	13)	04/30/96	6,331	
5)	08/31/95	13,253		°	14)	05/31/96	13,729	
6)	09/29/95	12,794		°	15)	06/28/96	14,676	
7)	10/31/95	8,158		°	16)	00/00/00	0	
8)	11/30/95	8,000		°	17)	00/00/00	0	
9)	12/29/96	8,000		°	18)	00/00/00	0	

DATE READINGS LAST UPDATED: 07/03/96 INDEX TO LAST READING: 16

COUNTY CODE/REASON: O 0 -OR- CITY DISTRICT: O

STATUS FROM MASTER: 01

DAYS DURATION:

ENTER ==> BILLING DATA CLEAR ==> RETURN TO MENU PF5 ==> READINGS

0511 5598-02
BRIDGETON LANDFILL, LCC
13570 ST. CHARLES ROCK ROAD
BRIDGETON, MO 63044

OLDER PERMIT INFORMATION HAS BEEN PULLED AND PLACED INTO BROWN FOLDER BEHIND THIS FILE

FORMER NAMES

1993, LAIDLAW WASTE SYSTEMS INC. - BRIDGETON
1979, WESTLAKE QUARRY

PERMIT OVERFLOW

0511 5598-02
BRIDGETON LANDFILL, LCC
13570 ST. CHARLES ROCK ROAD
BRIDGETON, MO 63044

1991 - 1995 PERMIT CORRESPONDENCE SIDE 2.5

FORMER NAMES

1993, LAIDLAW WASTE SYSTEMS INC. - BRIDGETON
1979, WESTLAKE QUARRY

PERMIT OVERFLOW

LAIDLAW

LAIDLAW WASTE SYSTEMS INC.

RECEIVED
DEC 1 5 1995
Environmental Compliance

MEMORANDUM

To: Fabian Grabski, MSD
From: Brad Pollock, LWS
Date December 14, 1995

Re: November Volume Report

In accordance with Section II (A)(1) of our discharge permit (05115598-02) the total volume discharged in the month of November was 1,233,610 gallons.

msdreprt

13570 ST. CHARLES ROCK ROAD, BRIDGETON, MISSOURI 63044 (314) 739-1919

LAIDLAW

LAIDLAW WASTE SYSTEMS INC.

September 29, 1995

Mr. Gunter H. Durdel
Department of Environmental Compliance
10 East Grand Avenue
St. Louis, MO 63147-2913

Re: **QUARTERLY SELF-MONITORING REPORT**

Dear Mr. Durdel:

Enclosed please find the quarterly test results for the Bridgeton Sanitary Landfill MSD self monitoring requirements.

Should you have any questions concerning this matter, please do not hesitate to call me at (314) 739-1919 Ext. 109.

Sincerely,

Brad Pollock

Brad Pollock
Operations Manager

c: Mr. Brad Bomanz

RECEIVED
OCT 04 1995
Environmental Compliance

2ndmsd

13570 ST. CHARLES ROCK ROAD, BRIDGETON, MISSOURI 63044 (314) 739-1919

METROPOLITAN ST. LOUIS SEWER DISTRICT
INDUSTRIAL USER SELF MONITORING REPORT

RECEIVED
OCT 04 1995
Environmental Compliance

PLEASE READ THE INSTRUCTIONS BEFORE COMPLETING THIS REPORT

PART I: IDENTIFYING INFORMATION

Company Name: LAIDLAW WASTE SYSTEMS, INC.

Permit No: 05115598-02

Premise Address: BRIDGETON LANDFILL, 13570 ST. CHARLES ROCK ROAD, BRIDGETON, MO 63044

Monitoring Period: ☐(JAN-MAR) ☐(APR-JUNE) ☑(JULY-SEPT) ☐(OCT-DEC)

Samples Collected By: SCS Engineers, 125 N. Main St., Suite 100, St. Charles, MO 63301

Analyses Performed By: Quanterra Environmental Services, 4101 Shuffel Dr. NW., N. Canton, OH 44720

PART II: ANALYTICAL RESULTS OF SELF MONITORING

MSD SAMPLE POINT REFERENCE NUMBERS ——>		001						
DATES ON WHICH SAMPLES WERE COLLECTED ——>		8/18/95						
TIMES AT WHICH SAMPLES WERE COLLECTED ——>		1630						
PARAMETER	LIMIT	RECORD SAMPLE TYPES (G, C, M OR E) AND RESULTS BELOW G=grab, C=composite, M=measured flow, E=estimated flow						UNITS
FLOW			319,800					gal/day
BIOCHEMICAL OXYGEN DEMAND	300	C	23					MG/L
CHEMICAL OXYGEN DEMAND	600	C	210					MG/L
OIL & GREASE(TOTAL)	200	G	<5.0					MG/L
PH	5.5-11.5	G	7.56					SU
TEMPERATURE	60	G	34					DEG C
TOTAL SUSPENDED SOLIDS	350	C	100					MG/L
AMMONIA(AS N)	-	C	<1.0					MG/L
IRON(TOTAL)	25	C	1.2					MG/L
CADMIUM(TOTAL)	0.4	C	<0.005					MG/L
CHROMIUM(TOTAL)	5	C	<0.010					MG/L
COPPER(TOTAL)	1.5	C	<0.025					MG/L
LEAD(TOTAL)	0.2	C	<0.003					MG/L
NICKEL(TOTAL)	1	C	<0.040					MG/L
ZINC(TOTAL)	3	C	<0.050					MG/L
TOTAL TOXIC ORGANICS	5.52	G	Not Analyzed For					MG/L

You must complete and sign the certification statements on the reverse side.

PART III: SPECIAL CERTIFICATION STATEMENTS

Based on the special conditions contained in your discharge permit you may be required to certify one or more of the following. Please review your permit and PLACE YOUR INITIALS IN THE BOXES NEXT TO THOSE CERTIFICATIONS WHICH ARE APPLICABLE TO YOUR FACILITY. If your permit contains no Special Conditions, then none of the certifications in PART III apply to you. GO ON TO PART IV.

A. If your permit special conditions waive monitoring at any sample point(s) specified in your permit, you are required to make the following certification:

☐ I certify, since the last discharge monitoring report, there has been no change in the character of the wastes discharged at sampling point(s) _____.

B. If your permit special conditions waive monitoring at active connection points which are not specified as sample points in your permit, you are required to make the following certification:

☐ I certify, since the last discharge monitoring report, there has been no change in the character of wastes discharged at those active connection points which are not specified in my permit.

C. If your permit special conditions waive monitoring at inactive connection points, you are required to make the following certification:

☐ I certify, since the permit issue date, there has been no change in the status of connection points identified as inactive. These points remain inactive and no discharge occurred during the period covered by this report.

D. If your permit special conditions authorize grab sample collection in lieu of composite sampling at any sample point(s), you are required to make the following certification:

☐ I certify the grab sample results in this report accurately represent our average daily discharge at sample point(s) _____.

E. If your permit special conditions prohibit discharge of wastes which are subject to certain categorical pretreatment standards, you are required to make the following certification :

☐ I certify, since the last discharge monitoring report, there has been no discharge of wastes which are subject to pretreatment standards in 40 CFR _____.

F. Discharges subject to Pharmaceutical Categorical Standards (40 CFR 439) can be exempted from limitations and monitoring for Total Cyanide at the Pharmaceutical sample point(s) subject to the following certification:

☐ I certify, since the last discharge monitoring report, cyanide has not been used or generated in any pharmaceutical manufacturing process subject to Categorical Standards in 40 CFR 439.

G. Discharges Subject to Categorical Standards for Electroplating (40 CFR 413), Metal Finishing (40 CFR 433) or Electrical & Electronic Components (40 CFR 469) can be exempted from TTO monitoring only at the Electroplating, Metal Finishing or Electrical & Electronic Components sample point(s) subject to the following certification:

☐ Based on my inquiry of the person or persons directly responsible for managing compliance with the permit limitation for total toxic organics (TTO), I certify that, to the best of my knowledge and belief, no dumping of concentrated toxic organics into the wastewaters has occurred since filing the last discharge monitoring report. I further certify that this facility is implementing the toxic organic management plan submitted to MSD.

PART IV: GENERAL CERTIFICATION STATEMENTS

Initial the box for statement A if it applies to you. **Everyone must complete the information under statement B and sign this report.**

A. Discharges at sample points subject only to MSD Ordinance limits can be exempted from TTO monitoring subject to the following certification:

☐ In lieu of monitoring for TTO at sample point(s) _____, I certify that to the best of my knowledge and belief, no toxic organics have been used at this premise or discharged into the wastewaters since filing of the last discharge monitoring report.

B. **DISCHARGE MONITORING REPORT 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.

Print or type name of signing official: Joe B Pollock

Title: Operations Manager Telephone: (314) 739-1919

Joe B Pollock

LAIDLAW

LAIDLAW WASTE SYSTEMS INC.

RECEIVED
JUN 2 2 1995
Compliance

June 20, 1995

Mr. Gunter H. Durdel
Department of Environmental Compliance
10 East Grand Avenue
St. Louis, MO 63147-2913

Re: **QUARTERLY SELF-MONITORING REPORT**

Dear Mr. Durdel:

Enclosed please find the quarterly test results for the Bridgeton Sanitary Landfill MSD self monitoring requirements.

Should you have any questions concerning this matter, please do not hesitate to call me at (314) 739-1919 Ext. 109.

Sincerely,

Brad Pollock

Brad Pollock
Operations Manager

c: Mr. Brad Bomanz

2ndmsd

13570 ST. CHARLES ROCK ROAD, BRIDGETON, MISSOURI 63044 (314) 739-1919

METROPOLITAN ST. LOUIS SEWER DISTRICT
INDUSTRIAL USER SELF MONITORING REPORT

RECEIVED
JUN 15 1995

PLEASE READ THE INSTRUCTIONS BEFORE COMPLETING THIS REPORT

RECEIVED
JUN 22 1995
Environmental Compliance

PART I: IDENTIFYING INFORMATION

Company Name: LAIDLAW WASTE SYSTEMS, INC.

Permit No: 05115598-02

Premise Address: BRIDGETON LANDFILL, 13570 ST. CHARLES ROCK ROAD, BRIDGETON, MO 63044

Monitoring Period: ☐(JAN-MAR) ☑(APR-JUNE) ☐(JULY-SEPT) ☐(OCT-DEC)

Samples Collected By: ENVIRONMENTAL ANALYSIS, INC., 3278 N. HIGHWAY 67, FLORISSANT, MO 63033

Analyses Performed By: ENVIRONMENTAL ANALYSIS, INC., 3278 N. HIGHWAY 67, FLORISSANT, MO 63033

PART II: ANALYTICAL RESULTS OF SELF MONITORING

MSD SAMPLE POINT REFERENCE NUMBERS ——>			001						
DATES ON WHICH SAMPLES WERE COLLECTED ——>			5/15-16/95						
TIMES AT WHICH SAMPLES WERE COLLECTED ——>			1245-1230						
PARAMETER	LIMIT	RECORD SAMPLE TYPES (G, C, M OR E) AND RESULTS BELOW G=grab, C=composite, M=measured flow, E=estimated flow							UNITS
FLOW			288000						
BIOCHEMICAL OXYGEN DEMAND	300	C	22.2						MG/L
CHEMICAL OXYGEN DEMAND	600	C	244						MG/L
OIL & GREASE(TOTAL)	200	G	7.1						MG/L
PH	5.5-11.5	G	7.65						SU
TEMPERATURE	60	G	20.5						DEG C
TOTAL SUSPENDED SOLIDS	350	C	28						MG/L
AMMONIA(AS N)	-	C	117						MG/L
IRON(TOTAL)	25	C	2.34		— not reqd				MG/L
CADMIUM(TOTAL)	0.4	C	<0.006						MG/L
CHROMIUM(TOTAL)	5	C	0.017						MG/L
COPPER(TOTAL)	1.5	C	0.009						MG/L
LEAD(TOTAL)	0.2	C	<0.005						MG/L
NICKEL(TOTAL)	1	C	<0.06						MG/L
ZINC(TOTAL)	3	C	0.023						MG/L
TOTAL TOXIC ORGANICS	5.52	G	Not Analyzed For						MG/L

You must complete and sign the certification statements on the reverse side.

MSD 022496

PART III: SPECIAL CERTIFICATION STATEMENTS

Based on the special conditions contained in your discharge permit you may be required to certify one or more of the following. Please review your permit and **PLACE YOUR INITIALS IN THE BOXES NEXT TO THOSE CERTIFICATIONS WHICH ARE APPLICABLE TO YOUR FACILITY.** If your permit contains no Special Conditions, then none of the certifications in PART III apply to you. **GO ON TO PART IV.**

A. If your permit special conditions waive monitoring at any sample point(s) specified in your permit, you are required to make the following certification:

☐ I certify, since the last discharge monitoring report, there has been no change in the character of the wastes discharged at sampling point(s) _____ .

B. If your permit special conditions waive monitoring at active connection points which are not specified as sample points in your permit, you are required to make the following certification:

☐ I certify, since the last discharge monitoring report, there has been no change in the character of wastes discharged at those active connection points which are not specified in my permit .

C. If your permit special conditions waive monitoring at inactive connection points, you are required to make the following certification:

☐ I certify, since the permit issue date, there has been no change in the status of connection points identified as inactive. These points remain inactive and no discharge occurred during the period covered by this report.

D. If your permit special conditions authorize grab sample collection in lieu of composite sampling at any sample point(s), you are required to make the following certification:

☐ I certify the grab sample results in this report accurately represent our average daily discharge at sample point(s) _____ _____.

E. If your permit special conditions prohibit discharge of wastes which are subject to certain categorical pretreatment standards, you are required to make the following certification :

☐ I certify, since the last discharge monitoring report, there has been no discharge of wastes which are subject to pretreatment standards in 40 CFR _____.

F. Discharges subject to Pharmaceutical Categorical Standards (40 CFR 439) can be exempted from limitations and monitoring for Total Cyanide at the Pharmaceutical sample point(s) subject to the following certification:

☐ I certify, since the last discharge monitoring report, cyanide has not been used or generated in any pharmaceutical manufacturing process subject to Categorical Standards in 40 CFR 439.

G. Discharges Subject to Categorical Standards for Electroplating (40 CFR 413), Metal Finishing (40 CFR 433) or Electrical & Electronic Components (40 CFR 469) can be exempted from TTO monitoring only at the Electroplating, Metal Finishing or Electrical & Electronic Components sample point(s) subject to the following certification:

☐ Based on my inquiry of the person or persons directly responsible for managing compliance with the permit limitation for total toxic organics (TTO), I certify that, to the best of my knowledge and belief, no dumping of concentrated toxic organics into the wastewaters has occurred since filing the last discharge monitoring report. I further certify that this facility is implementing the toxic organic management plan submitted to MSD.

PART IV: GENERAL CERTIFICATION STATEMENTS

Initial the box for statement A if it applies to you. **Everyone must complete the information under statement B and sign this report.**

A. Discharges at sample points subject only to MSD Ordinance limits can be exempted from TTO monitoring subject to the following certification:

☐ In lieu of monitoring for TTO at sample point(s) _____ , I certify that to the best of my knowledge and belief, no toxic organics have been used at this premise or discharged into the wastewaters since filing of the last discharge monitoring report.

B. **DISCHARGE MONITORING REPORT 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.

Print or type name of signing official: Brad Pollock

Title: OPERATIONS MANAGER Telephone: 739-1919

Signature: Brad Pollock Date: 6-20-95

LAIDLAW

LAIDLAW WASTE SYSTEMS INC.

February 27, 1995

Mr. Gunter H. Durdel
Assistant Engineer
Metropolitan Sewer District
Department of Environmental Compliance
10 East Grand Avenue
St. Louis, Missouri 63147-2913

Re: Self Monitoring report for the 1st Quarter 1995

Dear Mr. Durdel:

Enclosed please find the signed self monitoring report forms for the 1st quarter 1995. Should you have any questions concerning this matter, please do not hesitate to call me at 739-1919.

Sincerely,

Brad Pollock

Brad Pollock
Operations Manager

RECEIVED
MAR 1 1995
Environmental Engineer

13570 ST. CHARLES ROCK ROAD, BRIDGETON, MISSOURI 63044 (314) 739-1919

METROPOLITAN ST. LOUIS SEWER DISTRICT
INDUSTRIAL USER SELF MONITORING REPORT

PLEASE READ THE INSTRUCTIONS BEFORE COMPLETING THIS REPORT

PART I: IDENTIFYING INFORMATION

Company Name: LAIDLAW WASTE SYSTEMS, INC.

Permit No: 05115598-02

Premise Address: BRIDGETON LANDFILL, 13570 ST. CHARLES ROCK ROAD, BRIDGETON, MO 63044

Monitoring Period: ☑(JAN-MAR) ☐(APR-JUNE) ☐(JULY-SEPT) ☐(OCT-DEC)

Samples Collected By: ENVIRONMENTAL ANALYSIS, INC., 3278 N. HIGHWAY 67, FLORISSANT, MO 63033

Analyses Performed By: ENVIRONMENTAL ANALYSIS, INC., 3278 N. HIGHWAY 67, FLORISSANT, MO 63033

PART II: ANALYTICAL RESULTS OF SELF MONITORING

MSD SAMPLE POINT REFERENCE NUMBERS ——>			001					
DATES ON WHICH SAMPLES WERE COLLECTED ——>			1/30-31/95					
TIMES AT WHICH SAMPLES WERE COLLECTED ——>			1110-1040					
PARAMETER	LIMIT	RECORD SAMPLE TYPES (G, C, M OR E) AND RESULTS BELOW G=grab, C=composite, M=measured flow, E=estimated flow						UNITS
FLOW			288000					
BIOCHEMICAL OXYGEN DEMAND	300	C	13.8					MG/L
CHEMICAL OXYGEN DEMAND	600	C	218					MG/L
OIL & GREASE(TOTAL)	200	G	10.2					MG/L
PH	5.5-11.5	G	7.79					SU
TEMPERATURE	60	G	4.8					DEG C
TOTAL SUSPENDED SOLIDS	350	C	34					MG/L
AMMONIA(AS N)	-	C	122					MG/L
IRON(TOTAL)	25	C	2.44 not on permit					MG/L
CADMIUM(TOTAL)	0.4	C	<0.006					MG/L
CHROMIUM(TOTAL)	5	C	0.018					MG/L
COPPER(TOTAL)	1.5	C	0.010					MG/L
LEAD(TOTAL)	0.2	C	<0.005					MG/L
NICKEL(TOTAL)	1	C	<0.06					MG/L
ZINC(TOTAL)	3	C	0.059					MG/L
TOTAL TOXIC ORGANICS	5.52	G	Not Analyzed For					MG/L

RECEIVED
MAR 1 1995
Environmental Compliance

You must complete and sign the certification statements on the reverse side.

MSD 022499

PART III: SPECIAL CERTIFICATION STATEMENTS

Based on the special conditions contained in your discharge permit you may be required to certify one or more of the following. Please review your permit and **PLACE YOUR INITIALS IN THE BOXES NEXT TO THOSE CERTIFICATIONS WHICH ARE APPLICABLE TO YOUR FACILITY**. If your permit contains no Special Conditions, then none of the certifications in **PART III** apply to you. **GO ON TO PART IV.**

A. If your permit special conditions waive monitoring at any sample point(s) specified in your permit, you are required to make the following certification:

☐ I certify, since the last discharge monitoring report, there has been no change in the character of the wastes discharged at sampling point(s) _____ .

B. If your permit special conditions waive monitoring at active connection points which are not specified as sample points in your permit, you are required to make the following certification:

☐ I certify, since the last discharge monitoring report, there has been no change in the character of wastes discharged at those active connection points which are not specified in my permit .

C. If your permit special conditions waive monitoring at inactive connection points, you are required to make the following certification:

☐ I certify, since the permit issue date, there has been no change in the status of connection points identified as inactive. These points remain inactive and no discharge occurred during the period covered by this report.

D. If your permit special conditions authorize grab sample collection in lieu of composite sampling at any sample point(s), you are required to make the following certification:

☐ I certify the grab sample results in this report accurately represent our average daily discharge at sample point(s) _____ _____.

E. If your permit special conditions prohibit discharge of wastes which are subject to certain categorical pretreatment standards, you are required to make the following certification :

☐ I certify, since the last discharge monitoring report, there has been no discharge of wastes which are subject to pretreatment standards in 40 CFR _____.

F. Discharges subject to Pharmaceutical Categorical Standards (40 CFR 439) can be exempted from limitations and monitoring for Total Cyanide at the Pharmaceutical sample point(s) subject to the following certification:

☐ I certify, since the last discharge monitoring report, cyanide has not been used or generated in any pharmaceutical manufacturing process subject to Categorical Standards in 40 CFR 439.

G. Discharges Subject to Categorical Standards for Electroplating (40 CFR 413), Metal Finishing (40 CFR 433) or Electrical & Electronic Components (40 CFR 469) can be exempted from TTO monitoring only at the Electroplating, Metal Finishing or Electrical & Electronic Components sample point(s) subject to the following certification:

☐ Based on my inquiry of the person or persons directly responsible for managing compliance with the permit limitation for total toxic organics (TTO), I certify that, to the best of my knowledge and belief, no dumping of concentrated toxic organics into the wastewaters has occurred since filing the last discharge monitoring report. I further certify that this facility is implementing the toxic organic management plan submitted to MSD.

PART IV: GENERAL CERTIFICATION STATEMENTS

Initial the box for statement A if it applies to you. **Everyone must complete the information under statement B and sign this report.**

A. Discharges at sample points subject only to MSD Ordinance limits can be exempted from TTO monitoring subject to the following certification:

☐ In lieu of monitoring for TTO at sample point(s) _____ , I certify that to the best of my knowledge and belief, no toxic organics have been used at this premise or discharged into the wastewaters since filing of the last discharge monitoring report.

B. **DISCHARGE MONITORING REPORT 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.

Print or type name of signing official: Larry Giroux

Title: General Manager Telephone: 314-739-1919

Signature: [signature] Date: 2-24-95

Metropolitan
St. Louis Sewer
District

Department of Environmental Compliance
10 East Grand Avenue
St. Louis, MO 63147-2913
(314) 436-8710
FAX (314) 436-8753

March 3, 1995

Larry Giroux
LAIDLAW WASTE SYSTEMS, INC.
13570 St. Charles Rock Road
Bridgeton, MO 63044

Dear Mr. Giroux:

We have reviewed the letter dated February 24, 1995 from your consultant, Lee Tharp of Midwest Environmental Consultants. His letter contained the results of sampling which showed radioactivity levels in the wastewater discharge at less than drinking water standards.

Previous sampling results submitted by Laidlaw, showingg higher levels of radioactivity, were not taken at the discharge point to MSD. This fact, coupled with Mr. Tharp's letter, indicates that the radioactivity levels in Laidlaw's wastewater discharge may not be above levels of concern. Therefore, at this time we are not requiring you to submit a formal request for approval to discharge radioactive material.

However, due to the very limited and contradictory data available, we are requiring that additional samples be taken and analyzed to provide a verifiable record. We will be modifying your permit to require sampling and analysis of Laidlaw's wastewater discharge for levels of radioactivity. The permit modification will require sampling during May and November to collect flow during wetter and dryer parts of the year. The analysis must include gross alpha, gross beta, gross gamma, radon-222 and radium-226. Upon expiration of your permit in 1997, this requirement will be reviewed to determine if it should be continued.

You will be receiving the revised permit under separate cover letter. If you have any questions prior to receiving the revised permit, please call me at (314) 436-8717.

Sincerely,
METROPOLITAN ST. LOUIS SEWER DISTRICT

Douglas M. Mendoza, P.E.
Industrial Waste Engineer

ph

pc: Jim Byrne - Legal
Bernie Rains - DEC
Gunter Durdel - DEC

LAIDLAW

LAIDLAW WASTE SYSTEMS INC.

RECEIVED
DEC 27 1994
Environmental Compliance

December 21, 1994

Gunter Durdel
10E Grande
St. Louis, Missouri 63147

Dear Mr. Durdel,

Enclosed please find the 4th quarter leachate analysis summaries taken at the Laidlaw Waste Systems (Bridgeton), Inc. sanitary landfill.

Should you have any questions concerning this matter, please do not hesitate to contact this office at 739-1919.

Sincerely,

Brad Pollock

Brad Pollock
Operations Manager

13570 ST. CHARLES ROCK ROAD, BRIDGETON, MISSOURI 63044 (314) 739-1919

Environmental Analysis, Inc.
3278 North Hwy. 67 • Florissant, MO 63033 • 314-921-4488

Mr. Larry Giroux
LAIDLAW WASTE SYSTEMS
Bridgeton Landfill
13570 St. Charles Rock Road
Bridgeton, MO 63044

PAGE NO.: 1
REPORT NO.: 60961
DATE : 11/30/94
P.O. NO.: 825468

REPORT OF ANALYSIS

SUBJECT: Analysis of samples in accordance with Standard Methods for the Examination of Water and Wastewater, 18th Edition, 1992; where applicable.

Quarterly sampling and analysis of treated leachate for MSD compliance, and measurement of liquid levels in accordance with St. Louis County requirements.

LOG NUMBER	SAMPLE DESCRIPTION	RESULTS OF ANALYSIS	UNITS OF MEASURE	METHOD NUMBER	NOTE
1621928	MSD 001 Grab 10/27/94 c				
	Field measurement of sample pH	7.89	pH Units		
	Field measure of temperature	14.8	deg. C		
	Oil & Grease	4.8	mg/l	5520 B	
1621929	MSD 001 Comp 10/26-27/94c				
	Total Metals Prep/GTF AA	11/18/94		3030 E	
	Total Metals Prep/Microwave	11/01/94		3030 K	
	B.O.D. (5-day)	10.4	mg/l	5210 B	
	Cadmium	< 0.006	mg Cd/l	3111 B	
	C.O.D.	187	mg/l		
	Chromium	0.012	mg Cr/l	3111 B	
	Copper	< 0.006	mg Cu/l	3111 B	
	Iron	0.89	mg Fe/l	3111 B	
	Flow Estimate	288000	gpd		
	Ammonia Nitrogen	91.0	mg N/l	4500-NH3 F	
	Nickel	< 0.06	mg Ni/l	3111 B	
	Lead	< 0.005	mg Pb/l	3113 B	
	Suspended Solids	11	mg/l	2540 D	
	Zinc	0.012	mg Zn/l	3111 B	
1621930	Sampling Charges 10/27 c				

RECEIVED
DEC 27 1994
Environmental Compliance

Environmental Analysis, Inc.
3278 North Hwy. 67 • Florissant, MO 63033 • 314-921-4488

Mr. Larry Giroux
LAIDLAW WASTE SYSTEMS
Bridgeton Landfill
13570 St. Charles Rock Road
Bridgeton, MO 63044

PAGE NO.: 2
REPORT NO.: 60961
DATE : 11/30/94
P.O. NO.: 825468

LOG NUMBER	SAMPLE DESCRIPTION	RESULTS OF ANALYSIS	UNITS OF MEASURE	METHOD NUMBER	NOTE
1621930	Sampling Charges 10/27 c (CONTINUED)				
	Technician Charges	4	man-hrs.		
	Pump Rental	1	days		

RESPECTFULLY SUBMITTED

R. M. FERRIS

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METROPOLITAN ST. LOUIS SEWER DISTRICT
INDUSTRIAL USER SELF MONITORING REPORT

PLEASE READ THE INSTRUCTIONS BEFORE COMPLETING THIS REPORT

PART I: IDENTIFYING INFORMATION

Company Name: LAIDLAW WASTE SYSTEMS, INC.

Permit No: 05115598-02

Premise Address: BRIDGETON LANDFILL, 13570 ST. CHARLES ROCK ROAD, BRIDGETON, MO 63044

Monitoring Period: ☐(JAN-MAR) ☐(APR-JUNE) ☐(JULY-SEPT) ☑(OCT-DEC)

Samples Collected By: ENVIRONMENTAL ANALYSIS, INC., 3278 N. HIGHWAY 67, FLORISSANT, MO 63033

Analyses Performed By: ENVIRONMENTAL ANALYSIS, INC., 3278 N. HIGHWAY 67, FLORISSANT, MO 63033

PART II: ANALYTICAL RESULTS OF SELF MONITORING

MSD SAMPLE POINT REFERENCE NUMBERS ——>		001						
DATES ON WHICH SAMPLES WERE COLLECTED ——>		10/26-27/94						
TIMES AT WHICH SAMPLES WERE COLLECTED ——>		1010-1000						
PARAMETER	LIMIT	RECORD SAMPLE TYPES (G, C, M OR E) AND RESULTS BELOW G=grab, C=composite, M=measured flow, E=estimated flow						UNITS
FLOW								
BIOCHEMICAL OXYGEN DEMAND	300	C	10.4					MG/L
CHEMICAL OXYGEN DEMAND	600	C	187					MG/L
OIL & GREASE(TOTAL)	200	G	4.8					MG/L
PH	5.5-11.5	G	7.89					SU
TEMPERATURE	60	G	14.8					DEG C
TOTAL SUSPENDED SOLIDS	350	C	11					MG/L
AMMONIA(AS N)	-	C	91.0					MG/L
IRON(TOTAL)	25	C	0.89					MG/L
CADMIUM(TOTAL)	0.4	C	< 0.006					MG/L
CHROMIUM(TOTAL)	5	C	0.012					MG/L
COPPER(TOTAL)	1.5	C	< 0.006					MG/L
LEAD(TOTAL)	0.2	C	< 0.005					MG/L
NICKEL(TOTAL)	1	C	< 0.06					MG/L
ZINC(TOTAL)	3	C	0.012					MG/L
TOTAL TOXIC ORGANICS	5.52	G	Not Analyzed For					MG/L

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Environmental Compliance

You must complete and sign the certification statements on the reverse side.

MSD 022505

Environmental Analysis, Inc.
3278 North Hwy. 67 • Florissant, MO 63033 • 314-921-4488

December 7, 1994

Mr. Larry Giroux
Laidlaw Bridgeton Landfill
13570 St. Charles Rock Rd.
Bridgeton, MO 63044

Dear Larry,

EAI personnel(with Tim Johnson) made the following measurements on the leachate sumps at the Laidlaw-Bridgeton Landfill during the month of November, 1994:

SUMP DESIGNATION	DEPTH OF LIQUID, FT
LCS 1	108.87
LCS 2	37.73
LCS 3	9.98
LCS 4	24.40
K128	19.68

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DEC 8 1994

Respectfully submitted,

Jim Bergmann
Project Manager

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DEC 27 1994
Environmental Compliance

Analytical Chemistry • Research • Field Studies

13570 ST. CHARLES ROCK ROAD, BRIDGETON, MISSOURI 63044 (314) 739-1919

LAIDLAW

LAIDLAW WASTE SYSTEMS INC.

AUGUST 31, 1994

Warner Sherman
Department of Natural Resources
Division of Environmental Quality
P.O. Box 176
Jefferson City, Mo. 65102-0176

Dear Mr. Sherman:

The enclosed Report of Analysis by Environmental Analysis, Inc., dated 8\23\94, shows the result of this year's first semi-annual leachate pond sludge and raw leachate analysis. The samples were collected at the Laidlaw Bridgeton Landfill on July 21, 1994.

If you have any questions, please call me.

Sincerely,

Larry Giroux
Division Manager

RECEIVED
DEC 27 1994
Environmental Compliance

13570 ST. CHARLES ROCK ROAD, BRIDGETON, MISSOURI 63044 (314) 739-1919

LAIDLAW

LAIDLAW WASTE SYSTEMS INC.

September 26, 1994

Gunter Durdel
10E Grande
St, Louis, Mo. 63147

Dear Mr. Durdel,

Enclosed are the 3rd quarter leachate analysis taken at the Bridgeton Landfill, Permit No. 118912. If you have any questions, please call.

Sincerely,

Larry Giroux
General Manager

RECEIVED
SEP 29 1994
Environmental Compliance

13570 ST. CHARLES ROCK ROAD, BRIDGETON, MISSOURI 63044 (314) 739-1919

Delivered Airborne Express

Environmental Analysis, Inc.
3278 North Hwy. 67 • Florissant, MO 63033 • 314-921-4488

Mr. Larry Giroux
LAIDLAW WASTE SYSTEMS
Bridgeton Landfill
13570 St. Charles Rock Road
Bridgeton, MO 63044

PAGE NO.: 1
REPORT NO.: 60077
DATE : 08/26/94
P.O. NO.: 572886

REPORT OF ANALYSIS

SUBJECT: Analysis of samples in accordance with Standard Methods for the Examination of Water and Wastewater, 18th Edition, 1992; where applicable.

Quarterly sampling and analysis of treated leachate for MSD compliance, and measurement of liquid levels in accordance with St. Louis County requirements.

LOG NUMBER	SAMPLE DESCRIPTION	RESULTS OF ANALYSIS	UNITS OF MEASURE	METHOD NUMBER	NOTE
1614733	MSD 001 Grab 7/29/94 c				
	Field measurement of sample pH	7.72	pH Units		
	Field measure of temperature	27.1	deg. C		
	Oil & Grease	10.6	mg/l	5520 B	
1614801	MSD 001 Comp 7/28-29/94 c				
	Total Metals Prep/GTF AA	08/05/94		3030 E	
	Total Metals Prep/Microwave	08/01/94		3030 K	
	B.O.D. (5-day)	< 20	mg/l	5210 B	(1)
	Cadmium	< 0.006	mg Cd/l	3111 B	
	C.O.D.	268	mg/l		
	Chromium	< 0.010	mg Cr/l	3111 B	
	Copper	0.007	mg Cu/l	3111 B	
	Iron	1.50 not needed	mg Fe/l	3111 B	
	Flow Estimate	288000	gpd		
	Ammonia Nitrogen	68.0 .79	mg N/l	4500-NH3 F	
	Nickel	< 0.06	mg Ni/l	3111 B	
	Lead	0.008	mg Pb/l	3113 B	
	Suspended Solids	67	mg/l	2540 D	
	Zinc	0.037	mg Zn/l	3111 B	
1614802	Sampling Charges 7/29/94				

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Environmental Compliance

Environmental Analysis, Inc.
3278 North Hwy. 67 • Florissant, MO 63033 • 314-921-4488

Mr. Larry Giroux
LAIDLAW WASTE SYSTEMS
Bridgeton Landfill
13570 St. Charles Rock Road
Bridgeton, MO 63044

PAGE NO.: 2
REPORT NO.: 60077
DATE : 08/26/94
P.O. NO.: 572886

LOG NUMBER	SAMPLE DESCRIPTION	RESULTS OF ANALYSIS	UNITS OF MEASURE	METHOD NUMBER	NOTE
1614802	Sampling Charges 7/29/94 (CONTINUED)				
	Technician Charges	6	man-hrs.		
	Pump Rental	1	days		

FOOTNOTES

(1) The closest result to the limits of the test yielded a BOD of 10 mg/l.

RESPECTFULLY SUBMITTED

R. M. FERRIS

METROPOLITAN ST. LOUIS SEWER DISTRICT
INDUSTRIAL USER SELF MONITORING REPORT

PLEASE READ THE INSTRUCTIONS BEFORE COMPLETING THIS REPORT

PART I: IDENTIFYING INFORMATION

Company Name: LAIDLAW WASTE SYSTEMS, INC.

Permit No: 05115598-02

Premise Address: BRIDGETON LANDFILL, 13570 ST. CHARLES ROCK ROAD, BRIDGETON, MO 63044

Monitoring Period: ☐(JAN-MAR) ☐(APR-JUNE) ☑(JULY-SEPT) ☐(OCT-DEC)

Samples Collected By: ENVIRONMENTAL ANALYSIS, INC., 3278 N. HIGHWAY 67, FLORISSANT, MO 63033

Analyses Performed By: ENVIRONMENTAL ANALYSIS, INC., 3278 N. HIGHWAY 67, FLORISSANT, MO 63033

PART II: ANALYTICAL RESULTS OF SELF MONITORING

MSD SAMPLE POINT REFERENCE NUMBERS ——>		001						
DATES ON WHICH SAMPLES WERE COLLECTED ——>		7/28-29/94						
TIMES AT WHICH SAMPLES WERE COLLECTED ——>		0855-1245						
PARAMETER	LIMIT	RECORD SAMPLE TYPES (G, C, M OR E) AND RESULTS BELOW G=grab, C=composite, M=measured flow, E=estimated flow						UNITS
FLOW								
BIOCHEMICAL OXYGEN DEMAND	300	C	<20					MG/L
CHEMICAL OXYGEN DEMAND	600	C	268					MG/L
OIL & GREASE(TOTAL)	200	G	10.6					MG/L
PH	5.5-11.5	G	7.72					SU
TEMPERATURE	60	G	27.1					DEG C
TOTAL SUSPENDED SOLIDS	350	C	67					MG/L
AMMONIA(AS N)	-	C	68.0					MG/L
IRON(TOTAL)	25	C	1.50					MG/L
CADMIUM(TOTAL)	0.4	C	<0.006					MG/L
CHROMIUM(TOTAL)	5	C	<0.010					MG/L
COPPER(TOTAL)	1.5	C	0.007					MG/L
LEAD(TOTAL)	0.2	C	0.008					MG/L
NICKEL(TOTAL)	1	C	<0.06					MG/L
ZINC(TOTAL)	3	C	0.037					MG/L
TOTAL TOXIC ORGANICS	5.52	G	Not Analyzed For					MG/L

RECEIVED SEP 29 1994

You must complete and sign the certification statements on the reverse side.

MSD 022512

SPECIAL CERTIFICATION STATEMENTS

special conditions contained in your discharge permit you may be required to certify one or more of the following. [redacted] review your
ACE YOUR INITIALS IN THE BOXES NEXT TO THOSE CERTIFICATIONS WHICH ARE APPLICABLE TO YOUR [redacted]TY. If your
s no Special Conditions, then none of the certifications in PART III apply to you. GO ON TO PART IV.

ur permit special conditions waive monitoring at any sample point(s) specified in your permit, you are required to [redacted] the following
fication:

- [ ] I certify, since the last discharge monitoring report, there has been no change in the character of the wastes [redacted] at sampling point(s) _____ .

ur permit special conditions waive monitoring at active connection points which are not specified as sample points [redacted] permit, you
required to make the following certification:

- [ ] I certify, since the last discharge monitoring report, there has been no change in the character of wastes [redacted] those active connection points which are not specified in my permit .

ur permit special conditions waive monitoring at inactive connection points, you are required to make the following [redacted]ication:

- [ ] I certify, since the permit issue date, there has been no change in the status of connection points identified [redacted]ve. These points remain inactive and no discharge occurred during the period covered by this report.

ur permit special conditions authorize grab sample collection in lieu of composite sampling at any sample point(s), [redacted] required to
e the following certification:

- [ ] I certify the grab sample results in this report accurately represent our average daily discharge at sample [redacted] _____ _____.

ur permit special conditions prohibit discharge of wastes which are subject to certain categorical pretreatment [redacted] are required
nake the following certification :

- [ ] I certify, since the last discharge monitoring report, there has been no discharge of wastes which are [redacted] pretreatment standards in 40 CFR _____.

charges subject to Pharmaceutical Categorical Standards (40 CFR 439) can be exempted from limitations and [redacted]al Cyanide
he Pharmaceutical sample point(s) subject to the following certification:

- [ ] I certify, since the last discharge monitoring report, cyanide has not been used or generated in any pha[redacted]nufacturing process subject to Categorical Standards in 40 CFR 439.

charges Subject to Categorical Standards for Electroplating (40 CFR 413), Metal Finishing (40 CFR 433) or [redacted] & Electronic
mponents (40 CFR 469) can be exempted from TTO monitoring only at the Electroplating, Metal Finishing or [redacted] & Electronic
mponents sample point(s) subject to the following certification:

- [ ] Based on my inquiry of the person or persons directly responsible for managing compliance with the permit [redacted] for total toxic organics (TTO), I certify that, to the best of my knowledge and belief, no dumping of concentrated [redacted] into the wastewaters has occurred since filing the last discharge monitoring report. I further certify that this facility is [redacted]ng the toxic organic management plan submitted to MSD.

GENERAL CERTIFICATION STATEMENTS

for statement A if it applies to you. **Everyone must complete the information under statement B and sign** [redacted]

charges at sample points subject only to MSD Ordinance limits can be exempted from TTO monitoring subject to the [redacted] certification:

- [ ] In lieu of monitoring for TTO at sample point(s) _____ , I certify that to the best of my [redacted] and belief, no toxic organics have been used at this premise or discharged into the wastewaters since filing of the last [redacted]ring report.

SCHARGE MONITORING REPORT CERTIFICATION

r penalty of Law that this document and all attachments were prepared under my direction or supervision in [redacted] with a system
assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the [redacted] or persons
the system, or those persons directly responsible for gathering the information, the information submitted is, to the [redacted] my knowledge
ue, accurate, and complete. I am aware that there are significant penalties for submitting false information, including [redacted] of the
ment for knowing violations.

name of signing official: Larry Dixon

Telephone: (314) 239-1919

Date: 9-7

ENVIRONMENTAL COMPLIANCE

DEPARTMENT MEMO

TO: Laidlaw Waste Systems Permit File

FROM: Doug Mendoza

DATE: September 14, 1994

RE: SIGNIFICANT NONCOMPLIANCE FOR 1/1/94 THROUGH 6/30/94 PERIOD

Laidlaw Waste Systems at 13570 St. Charles Roack Road in Bridgeton, MO 63044 was written a letter by Judy Kalna on August 31, 1994 informing it of the finding of SNC for failure to submit the required self-monitoring report for the second quarter 1994. Laidlaw Waste Systems' contracted laboratory forgot to sample in the quarter. Therefore, Laidlaw did not submit a report.

Judy Kalna's August 31, 1994 letter was sent to the wrong address. She will be sending the letter to the correct address.

Metropolitan
St. Louis Sewer
District

Department of Environmental Compliance
10 East Grand Avenue
St. Louis, MO 63147-2913
(314) 436-8710
FAX (314) 436-8753

September 12, 1994

Larry Giroux
LAIDLAW WASTE SYSTEMS, INC.
13570 St. Charles Rock Road
Bridgeton, Missouri 63044

RE: Industrial Wastewater Discharge
Permit No: 05115598-02

Dear Mr. Giroux:

Under the terms and conditions of the above referenced permit, you are required to self-monitor the discharge at each of the identified sampling points. Monitoring is to be performed for the parameters listed and at the frequency specified in the permit. The results are to be reported quarterly.

Your second quarter 1994 self-monitoring report was due July 28, 1991, but has not been received. On August 26, 1994, we received your letter and a letter from Environmental Analysis explaining that the laboratory had not sampled your facility. Since no sampling or self monitoring report was submitted, you did not satisfy that quarter's reporting requirements.

Failure to perform required monitoring or to submit required reports constitutes noncompliance with the terms and conditions of your permit and places your company in Significant Noncompliance (SNC), as defined in District Ordinance 8472 and federal regulations 40 CFR 403. SNC companies are subject to enforcement action by the District. At a minimum, the District is required to include SNC companies in an annual newspaper publication. To avoid further action, you must ensure that all future monitoring and reporting is performed as specified in the permit.

If you have any questions please contact me at 436-8716.

Sincerely,
METROPOLITAN ST. LOUIS SEWER DISTRICT

Judith A. Kalna

Judith A. Kalna
Engineering Associate

ldl

permit: laidlaw waste sys inc

Metropolitan
St. Louis Sewer
District

Department of Environmental Compliance
10 East Grand Avenue
St. Louis, MO 63147-2913
(314) 436-8710
FAX (314) 436-8753

File

August 31, 1994

Larry Giroux
LAIDLAW WASTE SYSTEMS, INC.
2408 N. Leffingwell
St. Louis, Missouri 63106

RE Discharge Permit Number 05115598-02

Dear Mr. Giroux:

Under the terms and conditions of your Metropolitan St. Louis Sewer District Industrial Wastewater Discharge Permit, you are required to self-monitor the discharge at each of the identified sampling points for the parameters specified and to report the results.

No self monitoring report was submitted for the second quarter, 1994. A representative of Environmental Analysis, Inc. telephoned me to explain they had forgot to sample your facility during the quarter. A letter of explanation must be submitted to our office.

Ordinance No. 8472 and federal regulations, failure to submit complete reports or to perform timely sampling constitutes noncompliance with the terms and conditions of your permit. Failure to submit required reports places your company in Significant Noncompliance, as defined in 40 CFR 403, and may subject your company to enforcement action by the District. We are also required to include Significant Noncompliance companies in our annual publication.

If you have any questions, please contact me at 436-8716.

Sincerely,
METROPOLITAN ST. LOUIS SEWER DISTRICT

Judith A. Kalna

Judith A. Kalna
Engineering Associate

ldl

LAIDLAW

LAIDLAW WASTE SYSTEMS INC.

RECEIVED

AUG 26 1994

DEPT. OF ENVIRONMENTAL COMPLIANCE

AUGUST 23, 1994

Ms. Judith Calna
Metropolitan Sewer District
1000 Grand Glaize Pkwy.
Valley Park, Mo. 63088

Dear Ms. Calna:

As you are aware, we have failed to take our 2nd quarter leachate sample at the Bridgeton Landfill. I understand that it wouldn't be appropriate to take the sample since the 2nd quarter has passed. I apologize for the oversight and can assure you we will take steps to eliminate this from happening again.

I have enclosed a letter from Environmental Analysis, Inc. that addresses the non-submittal of the leachate tests issue.

Again, I would like to apologize. If you have any questions or would like us to address this issue in a different manner, please call.

Sincerely,

Larry Giroux
Division Manager

RECEIVED AUG 25 1994

13570 ST. CHARLES ROCK ROAD, BRIDGETON, MISSOURI 63044 (314) 739-1919

Environmental Analysis, Inc.
3278 North Hwy. 67 • Florissant, MO 63033 • 314-921-4488

August 19, 1994

RECEIVED
AUG 26 1994
DEPT. OF ENVIRONMENTAL COMPLIANCE

Mr. Larry Giroux
Laidlaw Waste Systems, Inc.
Bridgeton Landfill
13570 St. Charles Rock Rd.
Bridgeton, MO 63044

RECEIVED
AUG 22 1994

Dear Larry,

It has come to my attention that Environmental Analysis, Inc. did not collect for analysis the Metropolitan St. Louis Sewer District(MSD) leachate sample for the Second Quarter, 1994 period. This was an inadvertent omission, and I apologize for it happening. Earlier today I contacted Ms. Judith Kalna of MSD to notify her of this, and to inquire as to what could be done about it at this point. She indicated that resampling would not be appropriate, as the Second Quarter is now passed. She asked that you forward a letter to her indicating the reason that the sampling and analysis were not performed, and attach a copy of this letter as well.

Again, I apologize for this oversight. We will make every attempt possible to avoid it occurring in the future. If you have any questions concerning this matter, please call me at 921-4488. Thank you.

Respectfully submitted,

J. Berg

Jim Bergmann
Project Manager

cc: John Workman
Dennis Wike

METROPOLITAN ST. LOUIS SEWER DISTRICT
INDUSTRIAL USER SELF MONITORING REPORT

PLEASE READ THE INSTRUCTIONS BEFORE COMPLETING THIS REPORT

PART I: IDENTIFYING INFORMATION

Company Name: LAIDLAW WASTE SYSTEMS, INC.

Permit No: 05115598-02

Premise Address: BRIDGETON LANDFILL, 13570 ST. CHARLES ROCK ROAD, BRIDGETON, MO 63044

Monitoring Period: ☑(JAN-MAR) ☐(APR-JUNE) ☐(JULY-SEPT) ☐(OCT-DEC)

Samples Collected By: ENVIRONMENTAL ANALYSIS, INC., 3278 N. HIGHWAY 67, FLORISSANT, MO 63033

Analyses Performed By: ENVIRONMENTAL ANALYSIS, INC., 3278 N. HIGHWAY 67, FLORISSANT, MO 63033

PART II: ANALYTICAL RESULTS OF SELF MONITORING

MSD SAMPLE POINT REFERENCE NUMBERS ——>		001						
DATES ON WHICH SAMPLES WERE COLLECTED ——>		1/31 - 2/1/94						
TIMES AT WHICH SAMPLES WERE COLLECTED ——>		1030 - 1040						
PARAMETER	LIMIT	RECORD SAMPLE TYPES (G, C, M OR E) AND RESULTS BELOW G=grab, C=composite, M=measured flow, E=estimated flow						UNITS
FLOW			288000					GPD
BIOCHEMICAL OXYGEN DEMAND	300	C	13.0					MG/L
CHEMICAL OXYGEN DEMAND	600	C	224					MG/L
OIL & GREASE(TOTAL)	200	G	7.1					MG/L
PH	5.5-11.5	G	7.21					SU
TEMPERATURE	60	G	4.3					DEG C
TOTAL SUSPENDED SOLIDS	350	C	29					MG/L
AMMONIA(AS N)	-	C	136					MG/L
IRON(TOTAL)	25	C	4.11					MG/L
CADMIUM(TOTAL)	0.4	C	<0.005					MG/L
CHROMIUM(TOTAL)	5	C	0.013					MG/L
COPPER(TOTAL)	1.5	C	0.012					MG/L
LEAD(TOTAL)	0.2	C	0.006					MG/L
NICKEL(TOTAL)	1	C	<0.05					MG/L
ZINC(TOTAL)	3	C	0.067					MG/L
TOTAL TOXIC ORGANICS	5.52	G	NOT ANALYZED FOR					MG/L

RECEIVED
MAR 15 1994
Environmental Compliance

You must complete and sign the certification statements on the reverse side.

MSD 022519

PART III: SPECIAL CERTIFICATION STATEMENTS

Based on the special conditions contained in your discharge permit you may be required to certify one or more of the following. Please review your permit and **PLACE YOUR INITIALS IN THE BOXES NEXT TO THOSE CERTIFICATIONS WHICH ARE APPLICABLE TO YOUR FACILITY.** If your permit contains no Special Conditions, then none of the certifications in **PART III** apply to you. **GO ON TO PART IV.**

A. If your permit special conditions waive monitoring at any sample point(s) specified in your permit, you are required to make the following certification:

☐ I certify, since the last discharge monitoring report, there has been no change in the character of the wastes discharged at sampling point(s) _____.

B. If your permit special conditions waive monitoring at active connection points which are not specified as sample points in your permit, you are required to make the following certification:

☐ I certify, since the last discharge monitoring report, there has been no change in the character of wastes discharged at those active connection points which are not specified in my permit .

C. If your permit special conditions waive monitoring at inactive connection points, you are required to make the following certification:

☐ I certify, since the permit issue date, there has been no change in the status of connection points identified as inactive. These points remain inactive and no discharge occurred during the period covered by this report.

D. If your permit special conditions authorize grab sample collection in lieu of composite sampling at any sample point(s), you are required to make the following certification:

☐ I certify the grab sample results in this report accurately represent our average daily discharge at sample point(s) _____ _____.

E. If your permit special conditions prohibit discharge of wastes which are subject to certain categorical pretreatment standards, you are required to make the following certification :

☐ I certify, since the last discharge monitoring report, there has been no discharge of wastes which are subject to pretreatment standards in 40 CFR _____.

F. Discharges subject to Pharmaceutical Categorical Standards (40 CFR 439) can be exempted from limitations and monitoring for Total Cyanide at the Pharmaceutical sample point(s) subject to the following certification:

☐ I certify, since the last discharge monitoring report, cyanide has not been used or generated in any pharmaceutical manufacturing process subject to Categorical Standards in 40 CFR 439.

G. Discharges Subject to Categorical Standards for Electroplating (40 CFR 413), Metal Finishing (40 CFR 433) or Electrical & Electronic Components (40 CFR 469) can be exempted from TTO monitoring only at the Electroplating, Metal Finishing or Electrical & Electronic Components sample point(s) subject to the following certification:

☐ Based on my inquiry of the person or persons directly responsible for managing compliance with the permit limitation for total toxic organics (TTO), I certify that, to the best of my knowledge and belief, no dumping of concentrated toxic organics into the wastewaters has occurred since filing the last discharge monitoring report. I further certify that this facility is implementing the toxic organic management plan submitted to MSD.

PART IV: GENERAL CERTIFICATION STATEMENTS

Initial the box for statement A if it applies to you. **Everyone must complete the information under statement B and sign this report.**

A. Discharges at sample points subject only to MSD Ordinance limits can be exempted from TTO monitoring subject to the following certification:

☐ In lieu of monitoring for TTO at sample point(s) _____, I certify that to the best of my knowledge and belief, no toxic organics have been used at this premise or discharged into the wastewaters since filing of the last discharge monitoring report.

B. **DISCHARGE MONITORING REPORT 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.

Print or type name of signing official: Larry Giroux

Title: Division General Manager Telephone: 314-739-1919

Signature: [signature] Date: 3-10-94

SMF 10/93

MSD 022520

LAIDLAW WASTE SYSTEMS INC.

[13570 St. Charles Rock Road • Bridgeton, MO 63044 • (314) 739-1919 • fax (314) 739-2588]

RECEIVED

FEB 24 1994

Environmental Compliance

February 22, 1994

Metropolitan St.Louis
Sewer District
attn: Gunter Durdel
10 East Grand Ave.
St. Louis, MO 63147-2913

Dear Mr. Durdel,

I have some concerns regarding our MSD discharge permit (permit no. 05115598-02). Although we discussed this matter on the phone on 2/22/94, I would appreciate it if you could research and answer the following questions for me:

- What is the absolute maximum amount (GPD) we could discharge without overwhelming the system?

- At what point (GPD) would we be stressing the system?

- What is the maximum amount (GPD) we could discharge without overwhelming our lift station.

- What actions should we take when we exceed our "Average Wastewater Flow" from our permit?

- Should we report a consistently higher "Average Wastewater Flow"?

I'm very interested in insuring that we comply with all aspects of our permit, and avoiding any unforseen problems.

I look forward to your responses.

Sincerely,

Michael Dolan

Michael Dolan

13570 ST. CHARLES ROCK ROAD, BRIDGETON, MISSOURI 63044 (314) 739-1919

PSSQP01 (PSSQ) PRETREATMENT SYSTEM 03/01/94
PAGE 1 SEWER REFERENCE INQUIRY 16:10:56
05115598-02
SEWER REF POINT: 001 MH 120'N OF OLD ST CHARLES ROCK ROAD
AVE WASTEWATER DSCHRG: 460,562 DSCH %: 1.00 NPDES OUTFALL NUMB:
ACL COMMENTS: LEACHATE FROM LANDFILL
LABORATORY ANALYSIS OF WASTEWATER

SAMPLER--				MSD		IND	
DATE--				11/ 1/93		10/27/93	
TIME--				1200			
LOG NO--			STANDARD	LOG 02667			
GENERAL POLLUTANTS:							
004 AMMONIA - NITROGEN (AS N	A	AVG	35	55.7	V	51.5	V
004 AMMONIA - NITROGEN (AS N	A	M/I	35				
006 BIOCHEMICAL OXYGEN DEMAN		AVG	300			85.2	
006 BIOCHEMICAL OXYGEN DEMAN		M/I	300				
011 CHEMICAL OXYGEN DEMAND		AVG	600	337		312	
011 CHEMICAL OXYGEN DEMAND		M/I	600				
023 IRON		AVG	25	2.69		3.34	
023 IRON		M/I	75				
028 OIL AND GREASE (TOTAL)		M/I	200			10.8	
030 PH ACIDIC (S.U.) LESS TH		M/I	5.5				
031 PH BASIC (S.U.) GREATER		M/I	11.5	8		7.55	

DEPRESS ENTER TO SEE ADDITIONAL DATA OR ENTER PAGING COMMAND P=+1

PSSQP01 (PSSQ) PRETREATMENT SYSTEM 03/01/94
PAGE 1 SEWER REFERENCE INQUIRY 16:10:56
05115598-02
SEWER REF POINT: 001 MH 120'N OF OLD ST CHARLES ROCK ROAD
AVE WASTEWATER DSCHRG: 460,562 DSCH %: 1.00 NPDES OUTFALL NUMB:
ACL COMMENTS: LEACHATE FROM LANDFILL
LABORATORY ANALYSIS OF WASTEWATER

SAMPLER--				MSD		IND	
DATE--				11/ 1/93		10/27/93	
TIME--				1200			
LOG NO--			STANDARD	LOG 02667			
GENERAL POLLUTANTS:							
004 AMMONIA - NITROGEN (AS N	A	AVG	35	55.7	V	51.5	V
004 AMMONIA - NITROGEN (AS N	A	M/I	35				
006 BIOCHEMICAL OXYGEN DEMAN		AVG	300			85.2	
006 BIOCHEMICAL OXYGEN DEMAN		M/I	300				
011 CHEMICAL OXYGEN DEMAND		AVG	600	337		312	
011 CHEMICAL OXYGEN DEMAND		M/I	600				
023 IRON		AVG	25	2.69		3.34	
023 IRON		M/I	75				
028 OIL AND GREASE (TOTAL)		M/I	200			10.8	
030 PH ACIDIC (S.U.) LESS TH		M/I	5.5				
031 PH BASIC (S.U.) GREATER		M/I	11.5	8		7.55	

DEPRESS ENTER TO SEE ADDITIONAL DATA OR ENTER PAGING COMMAND P=+1

PSSQP01 (PSSQ) PRETREATMENT SYSTEM 03/01/94
PAGE 1 SEWER REFERENCE INQUIRY 16:10:56
05115598-02
SEWER REF POINT: 001 MH 120'N OF OLD ST CHARLES ROCK ROAD
AVE WASTEWATER DSCHRG: 460,562 DSCH %: 1.00 NPDES OUTFALL NUMB:
ACL COMMENTS: LEACHATE FROM LANDFILL
LABORATORY ANALYSIS OF WASTEWATER

SAMPLER--				MSD		IND	
DATE--				11/ 1/93		10/27/93	
TIME--				1200			
LOG NO--			STANDARD	LOG 02667			
GENERAL POLLUTANTS:							
004 AMMONIA - NITROGEN (AS N	A	AVG	35	55.7	V	51.5	V
004 AMMONIA - NITROGEN (AS N	A	M/I	35				
006 BIOCHEMICAL OXYGEN DEMAN		AVG	300			85.2	
006 BIOCHEMICAL OXYGEN DEMAN		M/I	300				
011 CHEMICAL OXYGEN DEMAND		AVG	600	337		312	

To B2

7/11/90

768-6257

Jack Kern - MSD called re Laidlaw's request to increase pumping — He is concerned about pumping station & especially the downstream system.

1. Pump Station has only 1 pump 20HP When pump fails we bypass sewage into open field.

2. Hour meter shows pump operates at 50% (12 hours a day)

3. Laidlaw has in the past upgraded the pump & put in another lift station

4. If they (Laidlaw) upgraded the pump to a 30HP ~~it~~ the lift station would take the increased flow but Kerns is concerned about the downstream system. He don't think the downstream system will handle the increase in flow.

5. If they (Laidlaw) are willing to spend money - We probably will have to have them contact Jim Thompson in MSD Eng.

If so submit (Total flow proposed-) in proposal to Engineering. (over)

MSD 022523

90% of flow to left station is Laidlaw's 10% comes from southeast - a subdivision.

Left Station was inherited by MSD and has never been upgraded to 2 pumps. Will be upgraded in several years in the Bonfils Phase III. Then ~~it~~ the flow will go to Bonfils pump main & then we can accept all the flow we want.

Talked to Lord Blouse (Toth & Van Dyke)
7/12/90. He will
advise Laidlaw so they
can plan for future actions
no emergency

[illegible]

MSD 022524

METROPOLITAN ST. LOUIS SEWER DISTRICT
INDUSTRIAL USER SELF MONITORING REPORT

PLEASE READ THE INSTRUCTIONS BEFORE COMPLETING THIS REPORT

PART I: IDENTIFYING INFORMATION

Company Name: LAIDLAW WASTE SYSTEMS, INC.

Permit No: 05115598-02

Premise Address: BRIDGETON LANDFILL 13570 ST. CHARLES ROCK ROAD, BRIDGETON, MO 63044

Monitoring Period: ☐(JAN-MAR) ☐(APR-JUNE) ☐(JULY-SEPT) ☒(OCT-DEC)

Samples Collected By: ENVIRONMENTAL ANALYSIS, INC. 3278 N. HIGHWAY 67, FLORISSANT, MO 63033

Analyses Performed By: ENVIRONMENTAL ANALYSIS, INC. 3278 N. HIGHWAY 67, FLORISSANT, MO 63033

PART II: ANALYTICAL RESULTS OF SELF MONITORING

MSD SAMPLE POINT REFERENCE NUMBERS ——>		001							
DATES ON WHICH SAMPLES WERE COLLECTED ——>		10/26-27/93							
PARAMETER	LIMIT	RECORD SAMPLE TYPES (G, C, M OR E) AND RESULTS BELOW G=grab, C=composite, M=measured flow, E=estimated flow							UNITS
FLOW									
BIOCHEMICAL OXYGEN DEMAND	300	C	85.2						MG/L
CHEMICAL OXYGEN DEMAND	600	C	312						MG/L
OIL & GREASE(TOTAL)	200	G	10.8						MG/L
PH	5.5-11.5	G	7.55						SU
TEMPERATURE	60	G	15.2						DEG C
TOTAL SUSPENDED SOLIDS	350	C	72						MG/L
AMMONIA(AS N)	-	C	51.5						MG/L
IRON(TOTAL)	25	C	3.34						MG/L
CADMIUM(TOTAL)	0.4	C	<0.005						MG/L
CHROMIUM(TOTAL)	5	C	0.013						MG/L
COPPER(TOTAL)	1.5	C	0.013						MG/L
LEAD(TOTAL)	0.2	C	<0.005						MG/L
NICKEL(TOTAL)	1	C	<0.05						MG/L
ZINC(TOTAL)	3	C	0.081						MG/L
TOTAL TOXIC ORGANICS	5.52	G	Not Analyzed For						MG/L

RECEIVED
JAN 03 1994
Environmental Compliance

You must complete and sign the certification statements on the reverse side.

MSD 022525

PART III: SPECIAL CERTIFICATION STATEMENTS

Based on the special conditions contained in your discharge permit you may be required to certify one or more of the following. Please review your permit and PLACE YOUR INITIALS IN THE BOXES NEXT TO THOSE CERTIFICATIONS WHICH ARE APPLICABLE TO YOUR FACILITY. If your permit contains no Special Conditions, then none of the certifications in PART III apply to you. GO ON TO PART IV.

A. If your permit special conditions waive monitoring at any sample point(s) specified in your permit, you are required to make the following certification:

☐ I certify, since the last discharge monitoring report, there has been no change in the character of the wastes discharged at sampling point(s) _____ .

B. If your permit special conditions waive monitoring at active connection points which are not specified as sample points in your permit, you are required to make the following certification:

☐ I certify, since the last discharge monitoring report, there has been no change in the character of wastes discharged at those active connection points which are not specified in my permit .

C. If your permit special conditions waive monitoring at inactive connection points, you are required to make the following certification:

☐ I certify, since the permit issue date, there has been no change in the status of connection points identified as inactive. These points remain inactive and no discharge occurred during the period covered by this report.

D. If your permit special conditions authorize grab sample collection in lieu of composite sampling at any sample point(s), you are required to make the following certification:

☐ I certify the grab sample results in this report accurately represent our average daily discharge at sample point(s) _____ _____.

E. If your permit special conditions prohibit discharge of wastes which are subject to certain categorical pretreatment standards, you are required to make the following certification :

☐ I certify that the permitted facility does not discharge any wastes which are subject to pretreatment standards in 40 CFR _____ _____.

F. Discharges subject to Pharmaceutical Categorical Standards (40 CFR 439) can be exempted from limitations and monitoring for Total Cyanide at the Pharmaceutical sample point(s) subject to the following certification:

☐ I certify that cyanide is not used or generated in any pharmaceutical manufacturing process subject to Categorical Standards in 40 CFR 439.

G. Discharges Subject to Categorical Standards for Electroplating (40 CFR 413), Metal Finishing (40 CFR 433) or Electrical & Electronic Components (40 CFR 469) can be exempted from TTO monitoring only at the Electroplating, Metal Finishing or Electrical & Electronic Components sample point(s) subject to the following certification:

☐ Based on my inquiry of the person or persons directly responsible for managing compliance with the permit limitation for total toxic organics (TTO), I certify that, to the best of my knowledge and belief, no dumping of concentrated toxic organics into the wastewaters has occurred since filing the last discharge monitoring report. I further certify that this facility is implementing the toxic organic management plan submitted to MSD.

RECEIVED
JAN 03 1994
Environmental Compliance

PART IV: GENERAL CERTIFICATION STATEMENTS

Initial statement A if it applies to you. **Everyone must complete the information under statement B and sign this report.**

A. Discharges at sample points subject only to MSD Ordinance limits can be exempted from TTO monitoring subject to the following certification:

☐ In lieu of monitoring for TTO at sample point(s) _____ , I certify that to the best of my knowledge and belief, no toxic organics have been used at this premise or discharged into the wastewaters since filing of the last discharge monitoring report.

B. DISCHARGE MONITORING REPORT 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.

Print or type name of signing official: Michael Dolan

Title: Operations Manager Telephone: 739-1919

Signature: Michael Dolan Date: 12/29/93

STOCK & ASSOCIATES
CONSULTING ENGINEERS INC.
425 N. New Ballas Rd.
Suite 165
St. Louis, MO 63141
(314) 432-8100
FAX (314) 432-8171

LETTER OF TRANSMITTAL

DATE: 9/30/93	JOB NO. 93-628.02
ATTENTION: Mr. Gunter H. Durdel	
RE: Industrial User	
Questionaire for the	
Bridgeton Laidlaw Landfill	

TO Metropolitan St. Louis Sewer District
10 East Grand Ave.
St. Louis, MO 63147-2913

WE ARE SENDING YOU ☒ Attached ☐ Under separate cover via _____ the following items

☐ Shop Drawings ☐ Prints ☐ Plans ☐ Samples ☐ Specifications

☐ Copy of letter ☐ Change order ☐ _____

COPIES	DATE	NO.	DESCRIPTION
1			Industrial User Questionaire

THESE ARE TRANSMITTED as checked below:

☐ For Approval ☐ Approved as submitted ☐ Resubmit ____ copies for approval

☒ For your use ☐ Approved as noted ☐ Submit _____ copies for distribution

☒ As requested ☐ Returned for corrections ☐ Return _____ corrected prints

☐ For review and comment ☐ _____

☐ FOR BIDS DUE _____ 19__ ☐ PRINTS RETURNED AFTER LOAN TO US

RECEIVED
OCT 01 1993
Environmental Compliance

REMARKS: _____

COPY TO: Mr. George C. Stock, P.E.
Mr. Larry Giroux, Laidlaw Waste Systems, Inc.

SIGNED: Joseph R. Grimes, P.E.

METROPOLITAN ST. LOUIS SEWER DISTRICT
INDUSTRIAL USER SELF MONITORING REPORT

PLEASE READ THE INSTRUCTIONS BEFORE COMPLETING THIS REPORT

RECEIVED
AUG 26 1993
Environmental Compliance

PART I: IDENTIFYING INFORMATION

Company Name: LAIDLAW WASTE SYSTEMS, INC.

Permit No: 05115598-02

Premise Address: BRIDGETON LANDFILL 13570 ST. CHARLES ROCK ROAD, BRIDGETON, MO 63044

Monitoring Period: ☐(JAN-MAR) ☐(APR-JUNE) ☒(JULY-SEPT) ☐(OCT-DEC)

Samples Collected By: ENVIRONMENTAL ANALYSIS, INC. 3278 N. HIGHWAY 67, FLORISSANT, MO 63033

Analyses Performed By: ENVIRONMENTAL ANALYSIS, INC. 3278 N. HIGHWAY 67, FLORISSANT, MO 63033

PART II: ANALYTICAL RESULTS OF SELF MONITORING

MSD SAMPLE POINT REFERENCE NUMBERS →		001						
DATES ON WHICH SAMPLES WERE COLLECTED →		7/26-27/93						
PARAMETER	LIMIT	RECORD SAMPLE TYPES (G, C, M OR E) AND RESULTS BELOW G=grab, C=composite, M=measured flow, E=estimated flow						UNITS
FLOW			216,859					
BIOCHEMICAL OXYGEN DEMAND	300	C	11.2					MG/L
CHEMICAL OXYGEN DEMAND	600	C	208					MG/L
OIL & GREASE(TOTAL)	200	G	6.2					MG/L
PH	5.5-11.5	G	7.67					SU
TEMPERATURE	60	G	29.5					DEG C
TOTAL SUSPENDED SOLIDS	350	C	19					MG/L
AMMONIA(AS N)	-	C	88.5					MG/L
IRON(TOTAL)	25	C	1.74					MG/L
CADMIUM(TOTAL)	0.4	C	<0.005					MG/L
CHROMIUM(TOTAL)	5	C	<0.010					MG/L
COPPER(TOTAL)	1.5	C	0.009					MG/L
LEAD(TOTAL)	0.2	C	<0.005					MG/L
NICKEL(TOTAL)	1	C	<0.05					MG/L
ZINC(TOTAL)	3	C	0.025					MG/L
TOTAL TOXIC ORGANICS	5.52	G	Not Analyzed For					MG/L

You must complete and sign the certification statements on the reverse side.

per conversation with Mr Dunaitis 8-27-93 MAM

PART III: SPECIAL CERTIFICATION STATEMENTS

Based on the special conditions contained in your discharge permit you may be required to certify one or more of the following. Please review your permit and **PLACE YOUR INITIALS IN THE BOXES NEXT TO THOSE CERTIFICATIONS WHICH ARE APPLICABLE TO YOUR FACILITY.** If your permit contains no Special Conditions, then none of the certifications in **PART III** apply to you. **GO ON TO PART IV.**

A. If your permit special conditions waive monitoring at any sample point(s) specified in your permit, you are required to make the following certification:

☐ I certify, since the last discharge monitoring report, there has been no change in the character of the wastes discharged at sampling point(s) _____ .

B. If your permit special conditions waive monitoring at active connection points which are not specified as sample points in your permit, you are required to make the following certification:

☐ I certify, since the last discharge monitoring report, there has been no change in the character of wastes discharged at those active connection points which are not specified in my permit .

C. If your permit special conditions waive monitoring at inactive connection points, you are required to make the following certification:

☐ I certify, since the permit issue date, there has been no change in the status of connection points identified as inactive. These points remain inactive and no discharge occurred during the period covered by this report.

D. If your permit special conditions authorize grab sample collection in lieu of composite sampling at any sample point(s), you are required to make the following certification:

☐ I certify the grab sample results in this report accurately represent our average daily discharge at sample point(s) _____ _____.

E. If your permit special conditions prohibit discharge of wastes which are subject to certain categorical pretreatment standards, you are required to make the following certification :

☐ I certify that the permitted facility does not discharge any wastes which are subject to pretreatment standards in 40 CFR _____ _____.

F. Discharges subject to Pharmaceutical Categorical Standards (40 CFR 439) can be exempted from limitations and monitoring for Total Cyanide at the Pharmaceutical sample point(s) subject to the following certification:

☐ I certify that cyanide is not used or generated in any pharmaceutical manufacturing process subject to Categorical Standards in 40 CFR 439.

G. Discharges Subject to Categorical Standards for Electroplating (40 CFR 413), Metal Finishing (40 CFR 433) or Electrical & Electronic Components (40 CFR 469) can be exempted from TTO monitoring only at the Electroplating, Metal Finishing or Electrical & Electronic Components sample point(s) subject to the following certification:

☐ Based on my inquiry of the person or persons directly responsible for managing compliance with the permit limitation for total toxic organics (TTO), I certify that, to the best of my knowledge and belief, no dumping of concentrated toxic organics into the wastewaters has occurred since filing the last discharge monitoring report. I further certify that this facility is implementing the toxic organic management plan submitted to MSD.

PART IV: GENERAL CERTIFICATION STATEMENTS

Initial statement A if it applies to you. **Everyone must complete the information under statement B and sign this report.**

A. Discharges at sample points subject only to MSD Ordinance limits can be exempted from TTO monitoring subject to the following certification:

☐ In lieu of monitoring for TTO at sample point(s) _____ , I certify that to the best of my knowledge and belief, no toxic organics have been used at this premise or discharged into the wastewaters since filing of the last discharge monitoring report.

B. **DISCHARGE MONITORING REPORT 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.

Print or type name of signing official: Joe Durako

Title: Operations Manager Telephone: 314-739-1919

Signature: Joe Durako Date: 8/24/93

Metropolitan
St. Louis Sewer
District

Department of Environmental Compliance
10 East Grand Avenue
St. Louis, MO 63147-2913
(314) 436-8710
FAX (314) 436-8753

August 19, 1993

Randy Anderson
Division Manager
LAIDLAW WASTE SYSTEMS, INC.
13570 St. Charles Rock Rd
Bridgeton, MO 63044

RE: Discharge Permit No: 05115598-02
For premise at: 13570 St. Charles Rock Rd
Bridgeton, MO 63044

Dear Mr. Anderson:

The Metropolitan St. Louis Sewer District Wastewater Discharge permit for the above premise expires on March 31, 1994. Under the terms of the permit, you are requested to apply for renewal at least 180 days prior to the expiration date.

Enclosed is an Industrial User Questionnaire along with detailed instructions to assist you in supplying the required information. This questionnaire serves as your permit application. We request that you return the original and yellow copy by October 1, 1993.

After a review of the questionnaire and our existing data, we will prepare a draft permit and send it to you for comment.

Thank you for your cooperation. If you have any question or any specific problem providing the requested information, please contact Mark Montague, at 436-8756, or me, at 436-8755.

Sincerely,
METROPOLITAN ST. LOUIS SEWER DISTRICT

Gunter H. Durdel
Gunter H. Durdel
Assistant Engineer

ldl

Enclosure

RECEIVED
APR 1 3 1993
Environmental Compliance

METROPOLITAN ST. LOUIS SEWER DISTRICT
INDUSTRIAL USER SELF MONITORING REPORT

PLEASE READ THE INSTRUCTIONS BEFORE COMPLETING THIS REPORT

PART I: IDENTIFYING INFORMATION

Company Name: LAIDLAW WASTE SYSTEMS, INC.

Permit No: 05115598-02

Premise Address: BRIDGETON LANDFILL 13570 ST. CHARLES ROCK ROAD, BRIDGETON, MO 63044

Monitoring Period: ☑(JAN-MAR) ☐(APR-JUNE) ☐(JULY-SEPT) ☐(OCT-DEC)

Samples Collected By: ENVIRONMENTAL ANALYSIS, INC. 3278 N. HIGHWAY 67, FLORISSANT, MO 63033

Analyses Performed By: ENVIRONMENTAL ANALYSIS, INC. 3278 N. HIGHWAY 67, FLORISSANT, MO 63033

PART II: ANALYTICAL RESULTS OF SELF MONITORING

MSD SAMPLE POINT REFERENCE NUMBERS →		001						
DATES ON WHICH SAMPLES WERE COLLECTED →		1/28-29/93						
PARAMETER	LIMIT	RECORD SAMPLE TYPES (G, C, M OR E) AND RESULTS BELOW G=grab, C=composite, M=measured flow, E=estimated flow						UNITS
FLOW								
BIOCHEMICAL OXYGEN DEMAND	300	C	<12.0					MG/L
CHEMICAL OXYGEN DEMAND	600	C	178					MG/L
OIL & GREASE(TOTAL)	200	G	7.5					MG/L
PH	5.5-11.5	G	7.40					SU
TEMPERATURE	60	G	16.6					DEG C
TOTAL SUSPENDED SOLIDS	350	C	24					MG/L
AMMONIA(AS N)	-	C	83.5					MG/L
IRON(TOTAL)	25	C	5.26					MG/L
CADMIUM(TOTAL)	0.4	C	<0.005					MG/L
CHROMIUM(TOTAL)	5	C	<0.010					MG/L
COPPER(TOTAL)	1.5	C	0.013					MG/L
LEAD(TOTAL)	0.2	C	0.005					MG/L
NICKEL(TOTAL)	1	C	<0.05					MG/L
ZINC(TOTAL)	3	C	0.057					MG/L
TOTAL TOXIC ORGANICS	5.52	G	Not analyzed this quarter					MG/L

You must complete and sign the certification statements on the reverse side.

MSD 022531

PART III: SPECIAL CERTIFICATION STATEMENTS

Based on the special conditions contained in your discharge permit you may be required to certify one or more of the following. Please review your permit and **PLACE YOUR INITIALS IN THE BOXES NEXT TO THOSE CERTIFICATIONS WHICH ARE APPLICABLE TO YOUR FACILITY.** If your permit contains no Special Conditions, then none of the certifications in PART III apply to you. **GO ON TO PART IV.**

A. If your permit special conditions waive monitoring at any sample point(s) specified in your permit, you are required to make the following certification:

☐ I certify, since the last discharge monitoring report, there has been no change in the character of the wastes discharged at sampling point(s) _____ .

B. If your permit special conditions waive monitoring at active connection points which are not specified as sample points in your permit, you are required to make the following certification:

☐ I certify, since the last discharge monitoring report, there has been no change in the character of wastes discharged at those active connection points which are not specified in my permit .

C. If your permit special conditions waive monitoring at inactive connection points, you are required to make the following certification:

☐ I certify, since the permit issue date, there has been no change in the status of connection points identified as inactive. These points remain inactive and no discharge occurred during the period covered by this report.

D. If your permit special conditions authorize grab sample collection in lieu of composite sampling at any sample point(s), you are required to make the following certification:

☐ I certify the grab sample results in this report accurately represent our average daily discharge at sample point(s) _____ _____.

E. If your permit special conditions prohibit discharge of wastes which are subject to certain categorical pretreatment standards, you are required to make the following certification :

☐ I certify that the permitted facility does not discharge any wastes which are subject to pretreatment standards in 40 CFR _____ _____.

F. Discharges subject to Pharmaceutical Categorical Standards (40 CFR 439) can be exempted from limitations and monitoring for Total Cyanide at the Pharmaceutical sample point(s) subject to the following certification:

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G. Discharges Subject to Categorical Standards for Electroplating (40 CFR 413), Metal Finishing (40 CFR 433) or Electrical & Electronic Components (40 CFR 469) can be exempted from TTO monitoring only at the Electroplating, Metal Finishing or Electrical & Electronic Components sample point(s) subject to the following certification:

☐ Based on my inquiry of the person or persons directly responsible for managing compliance with the permit limitation for total toxic organics (TTO), I certify that, to the best of my knowledge and belief, no dumping of concentrated toxic organics into the wastewaters has occurred since filing the last discharge monitoring report. I further certify that this facility is implementing the toxic organic management plan submitted to MSD.

PART IV: GENERAL CERTIFICATION STATEMENTS

Initial statement A if it applies to you. **Everyone must complete the information under statement B and sign this report.**

A. Discharges at sample points subject only to MSD Ordinance limits can be exempted from TTO monitoring subject to the following certification:

☐ In lieu of monitoring for TTO at sample point(s) _____ , I certify that to the best of my knowledge and belief, no toxic organics have been used at this premise or discharged into the wastewaters since filing of the last discharge monitoring report.

B. **DISCHARGE MONITORING REPORT 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.

Print or type name of signing official: Joseph Durako

Title: Operations Manager Telephone: 314-739-1919

Signature: Joseph Durako Date: 4/10/93

METROPOLITAN ST. LOUIS SEWER DISTRICT
INDUSTRIAL USER SELF MONITORING REPORT

PLEASE READ THE INSTRUCTIONS BEFORE COMPLETING THIS REPORT

RECEIVED
MAY 28 1993
Environmental Compliance

PART I: IDENTIFYING INFORMATION

Company Name: LAIDLAW WASTE SYSTEMS, INC.

Permit No: 05115598-02

Premise Address: BRIDGETON LANDFILL 13570 ST. CHARLES ROCK ROAD, BRIDGETON, MO 63044

Monitoring Period: ☐(JAN-MAR) ☑(APR-JUNE) ☐(JULY-SEPT) ☐(OCT-DEC)

Samples Collected By: ENVIRONMENTAL ANALYSIS, INC. 3278 N. HIGHWAY 67, FLORISSANT, MO 63033

Analyses Performed By: ENVIRONMENTAL ANALYSIS, INC. 3278 N. HIGHWAY 67, FLORISSANT, MO 63033

PART II: ANALYTICAL RESULTS OF SELF MONITORING

MSD SAMPLE POINT REFERENCE NUMBERS →		001						
DATES ON WHICH SAMPLES WERE COLLECTED →		4/28-29/93						
PARAMETER	LIMIT	RECORD SAMPLE TYPES (G, C, M OR E) AND RESULTS BELOW G=grab, C=composite, M=measured flow, E=estimated flow						UNITS
FLOW			288000					
BIOCHEMICAL OXYGEN DEMAND	300	C	<14					MG/L
CHEMICAL OXYGEN DEMAND	600	C	197					MG/L
OIL & GREASE(TOTAL)	200	G	10.0					MG/L
PH	5.5-11.5	G	7.38					SU
TEMPERATURE	60	G	18.9					DEG C
TOTAL SUSPENDED SOLIDS	350	C	26					MG/L
AMMONIA(AS N)	-	C	92.5					MG/L
IRON(TOTAL)	25	C	2.78					MG/L
CADMIUM(TOTAL)	0.4	C	<0.006					MG/L
CHROMIUM(TOTAL)	5	C	0.014					MG/L
COPPER(TOTAL)	1.5	C	0.008					MG/L
LEAD(TOTAL)	0.2	C	<0.005					MG/L
NICKEL(TOTAL)	1	C	<0.06					MG/L
ZINC(TOTAL)	3	C	0.048					MG/L
TOTAL TOXIC ORGANICS	5.52	G	Not analyzed for					MG/L

You must complete and sign the certification statements on the reverse side.

MSD 022533

PART III: SPECIAL CERTIFICATION STATEMENTS

Based on the special conditions contained in your discharge permit you may be required to certify one or more of the following. Please review your permit and **PLACE YOUR INITIALS IN THE BOXES NEXT TO THOSE CERTIFICATIONS WHICH ARE APPLICABLE TO YOUR FACILITY.** If your permit contains no Special Conditions, then none of the certifications in PART III apply to you. **GO ON TO PART IV.**

A. If your permit special conditions waive monitoring at any sample point(s) specified in your permit, you are required to make the following certification:

☐ I certify, since the last discharge monitoring report, there has been no change in the character of the wastes discharged at sampling point(s) _____ .

B. If your permit special conditions waive monitoring at active connection points which are not specified as sample points in your permit, you are required to make the following certification:

☐ I certify, since the last discharge monitoring report, there has been no change in the character of wastes discharged at those active connection points which are not specified in my permit .

C. If your permit special conditions waive monitoring at inactive connection points, you are required to make the following certification:

☐ I certify, since the permit issue date, there has been no change in the status of connection points identified as inactive. These points remain inactive and no discharge occurred during the period covered by this report.

D. If your permit special conditions authorize grab sample collection in lieu of composite sampling at any sample point(s), you are required to make the following certification:

☐ I certify the grab sample results in this report accurately represent our average daily discharge at sample point(s) _____ _____.

E. If your permit special conditions prohibit discharge of wastes which are subject to certain categorical pretreatment standards, you are required to make the following certification :

☐ I certify that the permitted facility does not discharge any wastes which are subject to pretreatment standards in 40 CFR _____ _____.

F. Discharges subject to Pharmaceutical Categorical Standards (40 CFR 439) can be exempted from limitations and monitoring for Total Cyanide at the Pharmaceutical sample point(s) subject to the following certification:

☐ I certify that cyanide is not used or generated in any pharmaceutical manufacturing process subject to Categorical Standards in 40 CFR 439.

G. Discharges Subject to Categorical Standards for Electroplating (40 CFR 413), Metal Finishing (40 CFR 433) or Electrical & Electronic Components (40 CFR 469) can be exempted from TTO monitoring only at the Electroplating, Metal Finishing or Electrical & Electronic Components sample point(s) subject to the following certification:

☐ Based on my inquiry of the person or persons directly responsible for managing compliance with the permit limitation for total toxic organics (TTO), I certify that, to the best of my knowledge and belief, no dumping of concentrated toxic organics into the wastewaters has occurred since filing the last discharge monitoring report. I further certify that this facility is implementing the toxic organic management plan submitted to MSD.

PART IV: GENERAL CERTIFICATION STATEMENTS

Initial statement A if it applies to you. **Everyone must complete the information under statement B and sign this report.**

A. Discharges at sample points subject only to MSD Ordinance limits can be exempted from TTO monitoring subject to the following certification:

☐ In lieu of monitoring for TTO at sample point(s) _____ , I certify that to the best of my knowledge and belief, no toxic organics have been used at this premise or discharged into the wastewaters since filing of the last discharge monitoring report.

B. **DISCHARGE MONITORING REPORT 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.

Print or type name of signing official: Joe Durako

Title: Operations Manager Telephone: 314-739-1919

Signature: Joe Durako Date: 5/26/93

Metropolitan
St. Louis Sewer
District

Department of Environmental Compliance
10 East Grand Avenue
St. Louis, MO 63147-2913
(314) 436-8710
FAX (314) 436-8753

December 18, 1992

Randy Anderson
Division Manager
LAIDLAW WASTE SYSTEMS, INC.
13570 St. Charles Rock Rd
Bridgeton, MO 63044

RE: Discharge Permit No: 05115598-02
Premise: 13570 St. Charles Rock Rd
Bridgeton, MO 63044

Dear Mr. Anderson:

You were recently issued an MSD Industrial Wastewater Discharge Permit for the premise referenced above. Your permit requires that you conduct self-monitoring of the permitted discharge points and that you submit periodic reports to the District containing the results of that monitoring.

Enclosed is a small supply of a reporting form which you should use in reporting your self monitoring data. Instructions for use of the form are also enclosed. You may copy these forms or you may contact us for an additional supply.

Please be sure to completely fill out each form used and to sign each form. The forms submitted to the District must bear original signatures. Machine or fax copies are not acceptable.

Your permit requires that you submit a report <u>each</u> quarter for <u>each</u> discharge point, even if you had no discharge during the quarter at some points. Sampling is to be done during each calendar quarter and the report is to be submitted to the District by the 28th day after the end of the quarter. To illustrate:

Sampling Must Be Conducted	Report is Due By
January 1 through March 31	April 28
April 1 through June 30	July 28
July 1 through September 30	October 28
October 1 through December 31	January 28

As stated in your permit, if you monitor any of the listed pollutants using the methods specified in the permit, more often than required by the permit, the results of all such additional monitoring and any additional flow measurements must be included in the quarterly reports.

We encourage you to conduct your sampling as early in each reporting quarter as you can. This will allow you time to correct any compliance problems the data may reveal and to then conduct the additional sampling necessary to establish a return to compliance. If a violation is detected, it is extremely important that corrections and additional sampling be completed within the same quarter if at all possible.

If you have any questions about the use of the enclosed form or your reporting obligations under the terms of your permit, please call Mark Montague at 436-8756 or Gunter Durdel at 436-8755.

Sincerely,
METROPOLITAN ST. LOUIS SEWER DISTRICT

Gunter H Durdel

Gunter Durdel
Assistant Engineer

ms

Enclosure

Environmental Analysis, Inc.

3278 North Hwy. 67 • Florissant, MO 63033 • 314-921-4488

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DEC 02 1992

DEPT. of ENVIRONMENTAL COMPLIANCE

November 30, 1992

Mr. John Lodderhose
St. Louis Metropolitan Sewer District
#10 East Grand
St. Louis, MO 63147

Dear Mr. Lodderhose,

The enclosed laboratory report represents the analysis of treated leachate from the Laidlaw-Bridgeton Landfill. This report is for the fourth quarter sampling event, performed in October, 1992. This includes the annual Total Toxic Organics analysis. If you have any questions, please contact me at (314) 921-4488.

Respectfully submitted,

J. Berg

Jim Bergmann
Project Manager

cc: Randy Anderson-Laidlaw(report, c of c, permit limits)
Bill Reed-Laidlaw(report, c of c, permit limits)
Dennis Wike-Laidlaw(report, c of c, permit limits)

Environmental Analysis, Inc.
3278 N. Lindbergh Blvd. · Bridgeton, MO 63033 · 314-921-4488

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DEPT. of ENVIRONMENTAL COMPLIANCE

Mr. Randy Anderson
LAIDLAW WASTE SYSTEMS
Bridgeton Landfill
13570 St. Charles Rock Road
Bridgeton, MO 63044

PAGE NO.: 1
REPORT NO.: 53404
DATE : 11/24/92
P.O. NO.: 105619

REPORT OF ANALYSIS

SUBJECT: Analysis of water and/or wastewater samples in accordance with Standard Methods for the Examination of Water and Wastewater, 17th Edition, 1989; where applicable.

Quarterly sampling and analysis of treated leachate for MSD Compliance.

LOG NUMBER	SAMPLE DESCRIPTION	RESULTS OF ANALYSIS	UNITS OF MEASURE	METHOD NUMBER	NOTE
1423332	MSD 001 Grab 10/28/92 c				
	Flow Estimate	288000	gpd		
	Oil & Grease	15.2	mg/l	5520 B	
	pH Value	7.36	pH Units	4500-H B	
	Temperature	18.2	deg. C	2550 B	
	Acid Extractables (GCMS)				
	GCMS Acid Extractables Prep.	1			
	2,4,5-Trichlorophenol	< 55	µg/l	6410 B	
	2,4,6-Trichlorophenol	< 11	µg/l	6410 B	
	2,4-Dichlorophenol	< 11	µg/l	6410 B	
	2,4-Dimethylphenol	< 11	µg/l	6410 B	
	2,4-Dinitrophenol	< 55	µg/l	6410 B	
	2-Chlorophenol	< 11	µg/l	6410 B	
	2-Methylphenol	< 11	µg/l	6410 B	
	2-Nitrophenol	< 11	µg/l	6410 B	
	3-Methylphenol	< 11	µg/l	6410 B	
	4,6-Dinitro-2-methylphenol	< 55	µg/l	6410 B	
	4-Chloro-3-methylphenol	< 22	µg/l	6410 B	
	4-Methylphenol	< 11	µg/l	6410 B	
	4-Nitrophenol	< 55	µg/l	6410 B	
	Hexachlorocyclopentadiene	< 11	µg/l	6410 B	
	N-Nitroso-diphenylamine	< 11	µg/l	6410 B	
	Pentachlorophenol	< 55	µg/l	6410 B	
	Phenol	< 11	µg/l	6410 B	

SURROGATE RECOVERY

2-FLUOROPHENOL	28 %
PHENOL-D6	44 %
2,4,6-TRIBROMOPHENOL	47 %

Environmental Analysis, Inc.
3278 N. Lindbergh Blvd. · Florissant, MO 63033 · 314-921-4488

Mr. Randy Anderson
LAIDLAW WASTE SYSTEMS
Bridgeton Landfill
13570 St. Charles Rock Road
Bridgeton, MO 63044

PAGE NO.: 2
REPORT NO.: 53404
DATE : 11/24/92
P.O. NO.: 105619

LOG NUMBER	SAMPLE DESCRIPTION	RESULTS OF ANALYSIS	UNITS OF MEASURE	METHOD NUMBER	NOTE
1423332	MSD 001 Grab 10/28/92 c (CONTINUED)				
	Base/Neutral Extractables				
	GCMS Base/Neutrals Ext. Prep.	1			
	1,2,4-Trichlorobenzene	< 11	µg/l	6410 B	
	1,2-Dichlorobenzene	< 11	µg/l	6410 B	
	1,2-Diphenylhydrazine	< 11	µg/l	6410 B	
	1,3-Dichlorobenze	< 11	µg/l	6410 B	
	1,4-Dichlorobenzene	< 11	µg/l	6410 B	
	2,4-Dinitrotoluene	< 11	µg/l	6410 B	
	2,6-Dinitrotoluene	< 11	µg/l	6410 B	
	2-Chloronaphthalene	< 11	µg/l	6410 B	
	2-Methylnaphthalene	< 11	µg/l	6410 B	
	2-Nitroaniline	< 55	µg/l	6410 B	
	3,3'-Dichlorobenzidine	< 22	µg/l	6410 B	
	3-Nitroaniline	< 55	µg/l	6410 B	
	4-Bromophenyl-phenyl ether	< 11	µg/l	6410 B	
	4-Chloroaniline	< 22	µg/l	6410 B	
	4-Chlorophenyl-phenol ether	< 11	µg/l	6410 B	
	4-Nitroaniline	< 55	µg/l	6410 B	
	Acenaphthene	< 11	µg/l	6410 B	
	Acenaphthylene	< 11	µg/l	6410 B	
	Aniline	< 11	µg/l	6410 B	
	Anthracene	< 11	µg/l	6410 B	
	Butylbenzyl phthalate	< 11	µg/l	6410 B	
	Benzo(a)anthracene	< 11	µg/l	6410 B	
	Benzoic Acid	< 55	µg/l	6410 B	
	Benzyl Alcohol	< 22	µg/l	6410 B	
	Benzo(a)pyrene	< 11	µg/l	6410 B	
	Benzo(b)fluoranthene	< 11	µg/l	6410 B	
	Benzidine	< 11	µg/l	6410 B	
	Benzo(k)fluoranthene	< 11	µg/l	6410 B	
	bis(2-Chloroethyl)ether	< 11	µg/l	6410 B	
	bis(2-chloroisopropyl)ether	< 11	µg/l	6410 B	

Environmental Analysis, Inc.
3278 N. Lindbergh Blvd. · Florissant, MO 63033 · 314-921-4488

Mr. Randy Anderson
LAIDLAW WASTE SYSTEMS
Bridgeton Landfill
13570 St. Charles Rock Road
Bridgeton, MO 63044

PAGE NO.: 3
REPORT NO.: 53404
DATE : 11/24/92
P.O. NO.: 105619

LOG NUMBER	SAMPLE DESCRIPTION	RESULTS OF ANALYSIS	UNITS OF MEASURE	METHOD NUMBER	NOTE
1423332	MSD 001 Grab 10/28/92 c (CONTINUED)				
	Base/Neutral Extractables (CONTINUED)				
	bis(2-chloroethoxy)methane	< 11	µg/l	6410 B	
	bis(2-Ethylhexyl)phthalate	10	µg/l	6410 B	(J)
	Benzo(g,h,k)perylene	< 11	µg/l	6410 B	
	Chrysene	< 11	µg/l	6410 B	
	Dibenzofuran	< 11	µg/l	6410 B	
	Dibenzo(a,h)anthracene	< 11	µg/l	6410 B	
	Diethylphthalate	< 11	µg/l	6410 B	
	Dimethylphthalate	< 11	µg/l	6410 B	
	Di-N-Butyl phthalate	< 11	µg/l	6410 B	
	Di-N-Octylphthalate	< 11	µg/l	6410 B	
	Fluoranthene	< 11	µg/l	6410 B	
	Fluorene	< 11	µg/l	6410 B	
	Hexachlorobutadiene	< 11	µg/l	6410 B	
	Hexachlorobenzene	< 11	µg/l	6410 B	
	Hexachloroethane	< 11	µg/l	6410 B	
	Indeno(1,2,3-c,d)pyrene	< 11	µg/l	6410 B	
	Isophorone	< 11	µg/l	6410 B	
	Naphthalene	< 11	µg/l	6410 B	
	N-Nitroso-Di-propylamine	< 11	µg/l	6410 B	
	N-Nitroso-di-methylamine	< 11	µg/l	6410 B	
	Nitrobenzene	< 11	µg/l	6410 B	
	Phenanthrene	< 11	µg/l	6410 B	
	Pyrene	< 11	µg/l	6410 B	

24

SURROGATE RECOVERY	
NITROBENZENE-D8	36 %
2-FLUOROBIPHENYL	50 %
TERPHENYL-D14	46 %

Environmental Analysis, Inc.
3278 N. Lindbergh Blvd. · Florissant, MO 63033 · 314-921-4488

Mr. Randy Anderson
LAIDLAW WASTE SYSTEMS
Bridgeton Landfill
13570 St. Charles Rock Road
Bridgeton, MO 63044

PAGE NO.: 4
REPORT NO.: 53404
DATE : 11/24/92
P.O. NO.: 105619

LOG NUMBER	SAMPLE DESCRIPTION	RESULTS OF ANALYSIS	UNITS OF MEASURE	METHOD NUMBER	NOTE
1423332	MSD 001 Grab 10/28/92 c (CONTINUED)				
	Volatile Organics (GCMS)				
	GCMS Volatiles Setup	1			
	1,1,2,2-Tetrachloroethane	< 5	µg/l	6210 D	
	cis-1,2-Dichloroethene	< 5	µg/l	6210 D	
	1,2-Dichloroethane	< 5	µg/l	6210 D	
	1,2-Dichloropropane	< 5	µg/l	6210 D	
	trans-1,2-dichloroethene	< 5	µg/l	6210 D	
	2-Butanone	< 50	µg/l	6210 D	
	2-chloroethyl vinyl ether	< 10	µg/l	6210 D	
	2-Hexanone	< 50	µg/l	6210 D	
	1,1,2 Trichloroethane	< 5	µg/l	6210 D	
	4-Methyl-2-pentanone	< 50	µg/l	6210 D	
	Acetone	140	µg/l	6210 D	
	Acrolein	< 100	µg/l	6210 D	
	Acrylonitrile	< 50	µg/l	6210 D	
	Benzene	< 5	µg/l	6210 D	
	Bromodichloromethane	< 5	µg/l	6210 D	
	Bromoform	< 5	µg/l	6210 D	
	Bromomethane	< 10	µg/l	6210 D	
	cis-1,3-Dichloropropene	< 5	µg/l	6210 D	
	Carbon Tetrachloride	< 5	µg/l	6210 D	
	Chloroform	< 5	µg/l	6210 D	
	Chlorobenzene	< 5	µg/l	6210 D	
	Chlorodibromomethane	< 5	µg/l	6210 D	
	Chloroethane	< 10	µg/l	6210 D	
	Chloromethane	< 10	µg/l	6210 D	
	Carbon Disulfide	< 20	µg/l	6210 D	
	1,1-Dichloroethane	< 5	µg/l	6210 D	
	1,1-Dichloroethene	< 5	µg/l	6210 D	
	Ethylbenzene	< 5	µg/l	6210 D	
	Methylene Chloride	< 5	µg/l	6210 D	
	Styrene	< 5	µg/l	6210 D	

Environmental Analysis, Inc.
3278 N. Lindbergh Blvd. · Florissant, MO 63033 · 314-921-4488

Mr. Randy Anderson
LAIDLAW WASTE SYSTEMS
Bridgeton Landfill
13570 St. Charles Rock Road
Bridgeton, MO 63044

PAGE NO.: 5
REPORT NO.: 53404
DATE : 11/24/92
P.O. NO.: 105619

LOG NUMBER	SAMPLE DESCRIPTION	RESULTS OF ANALYSIS	UNITS OF MEASURE	METHOD NUMBER	NOTE
1423332	MSD 001 Grab 10/28/92 c (CONTINUED)				
	Volatile Organics (GCMS) (CONTINUED)				
	trans-1,3-Dichloropropene	< 5	µg/l	6210 D	
	Trichloroethane(111)	< 5	µg/l	6210 D	
	Trichloroethene	< 5	µg/l	6210 D	
	Tetrachloroethene	< 5	µg/l	6210 D	
	Toluene	< 5	µg/l	6210 D	
	Vinyl Acetate	< 50	µg/l	6210 D	
	Vinyl Chloride	< 10	µg/l	6210 D	
	Total Xylenes	< 15	µg/l	6210 D	
	SURROGATE RECOVERY				
	1,2-DICHLOROETHANE-D4	100 %			
	TOLUENE-D8	93 %			
	BROMOFLUOROBENZENE	99 %			
	Pesticides & PCB's				
	Gas Chromatog. Prep.	1			
	4,4'-DDD	< 0.05	µg/l	6630 C	
	4,4'-DDE	< 0.05	µg/l	6630 C	
	4,4'-DDT	< 0.05	µg/l	6630 C	
	alpha-BHC	< 0.05	µg/l	6630 C	
	Aldrin	< 0.05	µg/l	6630 C	
	beta-BHC	< 0.05	µg/l	6630 C	
	Chlordane	< 0.5	µg/l	6630 C	
	delta-BHC	< 0.05	µg/l	6630 C	
	Dieldrin	< 0.05	µg/l	6630 C	
	Endrin Aldehyde	< 0.05	µg/l	6630 C	
	Endosulfan I	< 0.05	µg/l	6630 C	
	Endosulfan II	< 0.05	µg/l	6630 C	
	Endrin	< 0.05	µg/l	6630 C	
	Endosulfan Sulfate	< 0.05	µg/l	6630 C	

Environmental Analysis, Inc.
3278 N. Lindbergh Blvd. · Florissant, MO 63033 · 314-921-4488

Mr. Randy Anderson
LAIDLAW WASTE SYSTEMS
Bridgeton Landfill
13570 St. Charles Rock Road
Bridgeton, MO 63044

PAGE NO.: 6
REPORT NO.: 53404
DATE : 11/24/92
P.O. NO.: 105619

LOG NUMBER	SAMPLE DESCRIPTION	RESULTS OF ANALYSIS	UNITS OF MEASURE	METHOD NUMBER	NOTE
1423332	MSD 001 Grab 10/28/92 c (CONTINUED)				
	Pesticides & PCB's (CONTINUED)				
	gamma-BHC (Lindane)	< 0.05	µg/l	6630 C	
	Heptachlor Epoxide	< 0.05	µg/l	6630 C	
	Heptachlor	< 0.05	µg/l	6630 C	
	Methoxychlor	< 0.5	µg/l	6630 C	
	AroClor-1016	< 0.5	µg/l	6630 C	
	Aroclor-1221	< 0.5	µg/l	6630 C	
	Aroclor-1232	< 0.5	µg/l	6630 C	
	Aroclor-1242	< 0.5	µg/l	6630 C	
	Aroclor-1248	< 0.5	µg/l	6630 C	
	Aroclor-1254	< 0.5	µg/l	6630 C	
	Aroclor-1260	< 0.5	µg/l	6630 C	
	Toxaphene	< 1.0	µg/l	6630 C	
1423333	MSD 001 Comp 10/27-28 c				
	B.O.D. (5-day)	13.3	mg/l	5210 B	
	Cadmium	< 0.005	mg Cd/l	3111 B	
	C.O.D.	246	mg/l		
	Chromium	0.017	mg Cr/l	3111 B	
	Copper	0.014	mg Cu/l	3111 B	
	Iron	4.59	mg Fe/l	3111 B	
	Ammonia Nitrogen	78.5	mg N/l	4500-NH3 G	
	Nickel	< 0.05	mg Ni/l	3111 B	
	Lead	< 0.005	mg Pb/l	3113 B	
	Total metals prep for Flame AA	1		3030 E	
	Suspended Solids	28	mg/l	2540 D	
	Zinc	0.040	mg Zn/l	3111 B	

FOOTNOTES

(J)Estimated Value - result is less than detection limit but greater than zero.

RESPECTFULLY SUBMITTED

R. K. FERRIS

LAIDLAW

LAIDLAW WASTE SYSTEMS INC.

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AUG 16 1991
Environmental Compliance

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AUG - 8 1991

August 6, 1991

Mr. Gunter H. Durdel
Assistant Engineer
Metropolitan St. Louis Sewer District
Department of Environmental Compliance
10 East Grand Avenue
St. Louis, MO 63147-2913

RE: SUPPLEMENTAL INFORMATION - INDUSTRIAL USER QUESTIONNAIRE

Dear Mr. Durdel:

Laidlaw Waste Systems, Inc (LWS), is submitting the completed Significant Industrial User Questionnaire. I apologize for the delay in its' return to your office. The purpose of this letter is to explain the wastewater generation process at LWS -Bridgeton, MO.

LWS - Bridgeton is a sanitary landfill. As with all landfills, leachate is produced by rainwater percolating through the waste. This leachate is collected by a series of collection pipes located at the base of the landfill, and gravity drained to manholes within the landfill. The collected leachate is pumped from the manholes into a lined aeration lagoon. Following retention and aeration, the aerated leachate is discharged into the Metropolitan Sewer District (MSD) sewer system for ultimate treatment and disposal. The discharge from the aeration lagoon is sampled on a monthly basis, and the analytical results are reported to MSD.

LWS - Bridgeton leases its' offices from the Westlake Corporation. Water is used for sanitary purposes in the office, and for roadway dust control within the landfill. For both uses, the water is purchased from the Westlake Corporation. LWS does not have access to the St. Louis County Water Company invoices to Westlake Corp. Because of that, most of Section C of the questionnaire is intentionally left blank, as it is not applicable to our situation.

I have completed all other pertinent portions of the questionnaire, and it is attached.

2340 S. Arlington Heights Road, Suite 230, Arlington Heights, Illinois 60005
(708) 439-6686 (800) 288-2909 Fax (708) 439-6716

Printed on Recycled Paper

If you have any questions pertaining to this letter, please feel free to contact me at (800) 288-2909, or Mr. Randy Anderson at (314) 739-1919.

Sincerely,
Laidlaw Waste Systems, Inc

William Reed
Technical Services Representative

enc.

cc: Dennis Wike
Randy Anderson

Leachate Quality Testing – Bridgeton, MO

Well ID #	Date Sampled	pH	As	Ba	Cd	COD	BOD	Cr
TRTD LEACH	30-Nov-90	7.95	< 0.005	0.69	< 0.005	86.2		0.008
TRTD LEACH	26-Feb-91	7.77	< 0.005	0.80	< 0.005	233.0		0.026
TRTD LEACH	21-Mar-91	7.83	< 0.005	0.80	< 0.005	197.0	50.0	< 0.01
TRTD LEACH	12-Apr-91	7.96	< 0.005	0.50	0.011	18.0	18.0	< 0.01
TRTD LEACH	23-May-91	8.11	< 0.005	0.50	0.005	90.4	5.3	< 0.01
TRTD LEACH	28-Jun-91	8.01	< 0.005	0.46	< 0.005	128.0	11.4	< 0.01

Well ID #	Date Sampled	Cu	Fe	Hg	Ni	Pb	Se	Zn
TRTD LEACH	30-Nov-90	0.042	0.96	< 0.0002		0.012	< 0.005	< 0.010
TRTD LEACH	26-Feb-91	0.019	11.9	< 0.0002		< 0.005	< 0.005	0.121
TRTD LEACH	21-Mar-91	0.008	7.63	< 0.0002	0.07	< 0.005	< 0.005	0.039
TRTD LEACH	12-Apr-91	0.007	4.48	< 0.0002	0.09	< 0.005	0.009	0.029
TRTD LEACH	23-May-91	0.009	2.34	< 0.0002	0.08	< 0.005	< 0.005	0.017
TRTD LEACH	28-Jun-91	0.035	0.68	< 0.0002	< 0.05	< 0.005	< 0.005	0.025

Metropolitan
St. Louis Sewer
District

Department of Environmental Compliance
10 East Grand Avenue
St. Louis, MO 63147-2913
(314) 436-8710
FAX (314) 436-8753

Completed 8/6/91
Bleek

June 5, 1991

JUN 6 1991

Mike Whitlock
Division Manager
LAIDLAW WASTE SYSTEMS, INC.
13570 St. Charles Rock Rd
Bridgeton, MO 63044

Dear Mr. Whitlock:

As a result of changes in the Federal General Pretreatment Regulations 40 CFR 403.8(f)(1)(iii), the Metropolitan St. Louis Sewer District is now required to issue wastewater discharge permits to every Significant Industrial User (SIU) within our jurisdiction.

The regulations consider a company to be a Significant Industrial User if the company is subject to EPA's Categorical Pretreatment Standards, or discharges more than 25,000 gallons per day of process wastewater, or has process wastewater with a reasonable potential to adversely affect the operation of the Public Owned Treatment Works (POTW). We have identified and listed your company as a Significant Industrial User and have received approval of such listing from the Missouri Department of Natural Resources.

In order to comply with the Federal Regulations and to establish a current data base, we have prepared a revised Industrial User Questionnaire. Enclosed is the new questionnaire along with instructions to assist you in supplying the required information.

The information you supply, as well as existing information in our files, will be used to prepare a discharge permit for your facility. Once we have prepared a draft copy of the permit, it will be sent to you for your comment.

We request you return the original and yellow copy, of the questionnaire, within 30 days after receipt of this letter. Much of the requested information has been submitted, by you, on earlier editions of our questionnaire. It would help you to review those copies while completing this questionnaire.

Thank you for your cooperation. If you have any question or have any specific problem with supplying the requested information, please contact us at 436-8755.

Sincerely,
METROPOLITAN ST. LOUIS SEWER DISTRICT

Gunter H. Durdel

Gunter H. Durdel
Assistant Engineer

FOR MSD USE ONLY		
ACCOUNT NUMBER: 05115598-02	CATEGORY: 1 2 3 4 5 6 7	
TA: MISSOURI TS: FORCE-MAIN	MM Reviewer's Initials	12-11-91 Date

METROPOLITAN ST. LOUIS SEWER DISTRICT
DEPARTMENT OF ENVIRONMENTAL COMPLIANCE
INDUSTRIAL USER QUESTIONNAIRE

Note to Signing Official: In accordance with Title 40 of the Code of Federal Regulations Part 403 Section 403.14, information and data provided in this questionnaire which identifies the nature and frequency of discharge shall be available to the public without restriction. Requests for confidential treatment of other information shall be governed by procedures specified in 40 CFR Part 2. Should a discharge permit be required for your facility, the information in this questionnaire will be used to issue the permit.

SECTION A - GENERAL INFORMATION

1. Company Name: LAIDLAW WASTE SYSTEMS INC. - BRIDGETON
2. Mailing Address: 13570 ST. CHARLES ROCK ROAD
   BRIDGETON, MO Zip Code 63044
3. Premise Address: SAME
   Zip Code
4. Person Authorized to Sign Reporting Documents:
   Name and Title: RANDY ANDERSON - DIVISION MANAGER
   Tel. No. (314) 739-1919
5. Check one: [X] Existing Discharge
   [ ] Proposed Discharge If proposed, indicate the discharge start date:
6. Shift Information:
   a. Number of shifts per work day: 1 and work days per week: 5.5
   b. Average number of employees per shift: 1st 19 2nd 3rd Total: 19
   c. Shift start times: 1st 0300 2nd 3rd

SECTION B - PRODUCT OR SERVICE INFORMATION

1. Briefly describe the primary manufacturing or service activities at the premise address and list the applicable SIC number for each activity:

	PRIMARY ACTIVITIES	SIC NUMBER
a.	SANITARY LANDFILL	4953
b.		
c.		
d.		

Company Name: LAIDLAW - BRIDGETON
Premise Address: 13570 ST. CHARLES ROCK ROAD
Account Number: 05115598-02

SECTION B - PRODUCT OR SERVICE INFORMATION (Cont'd)

2. Are primary activities generally batch or continuous processes? [] batch [] continuous
3. Principal raw materials used: N/A
4. Principal products produced: N/A
5. Check all activities which are conducted at your premise in addition to the primary activities described in B.1. Indicate the SIC number, if known. Do not check activities which are already included in B.1.

	SIC NO.		SIC NO.
[] Adhesive & Sealants Mfg.		[] Mineral Mining & Processing	
[] Aluminum Forming		[] Nonferrous Metals Forming	
[] Asbestos Mfg.		[] Nonferrous Metals Mfg	
[] Battery Mfg.		[] Organic Chem., Plastics & Synthetic Fibers Mfg	
[] Builder's Paper and Roofing Felt Mfg.		[] Paint Formulating	
[] Carbon Black Mfg.		[] Painting, Finishing or Paint Stripping	
[] Cement Mfg.		[] Parts Washing	
[] Coil Coating		[] Paving and Roofing Materials	
[] Copper Forming		[] Pesticide Chem., Mfg., Formulating, Packaging	
[] Dairy Products Processing		[] Petroleum Refining	
[] Drum Reconditioning		[] Pharmaceutical Mfg	
[] Electrical and Electronic Components		[] Phosphate Mfg	
[] Electroplating		[] Photographic Processing	
[] Explosives Mfg.		[] Plastic Molding and Forming	
[] Feedlots		[] Porcelain Enameling	
[] Ferroalloy Mfg.		[] Printing & Publishing	
[] Fertilizer Mfg.		[] Pulp, Paper & Paperboard Mfg	
[] Food Preparation		[] Q. C. Laboratory	
[] Fruits and Vegetable Processing		[] R. & D. Laboratory	
[] General Offices		[] Radioactive Materials Processing	
[] Glass Mfg.		[] Repair Shop, Garage	
[] Grain Milling		[] Rubber & Rubber Prod. Mfg.	
[] Gum & Wood Chemical Mfg.		[] Seafood Processing	
[] Hazardous Waste Treatment, Storage or Disposal		[] Soap and Detergent Mfg.	
[] Health Care & Hospital		[] Solvent Recycling	
[] Industrial Laundry		[] Steam Electric Power Generation	
[] Ink Formulating		[] Sugar Processing	
[] Inorganic Chemicals Mfg.		[] Textile Mills	
[] Iron and Steel Mfg.		[] Timber Products Mfg.	
[] Leather Tanning and Finishing		[] Transportation Equipment Cleaning	
[] Machine Shop		[] Transportation Services	
[] Machinery Mfg. or Rebuilding		[] Used Oil Reclamation	
[] Meat Processing		[] Vehicle/equipment Washing	
[] Metal Finishing		[] Warehousing	
[] Metal Molding and Casting		[] Waste Recycling	
		[] Others SANITARY LANDFILL	4953

6. Are your processes subject to seasonal variation? [] Yes [X] No
If "Yes," explain and indicate the month(s) of peak activity.

Company Name: LAIDLAW - BRIDGETON
Premise Address: 13570 ST. CHARLES ROCK ROAD
Account Number: 05115598-02

SECTION C - WATER CONSUMPTION AND WASTEWATER DISCHARGES

1. Raw Water Source(s):
   - [ ] City of St. Louis Water Div.
   - [X] St. Louis Co. Water Co.
   - [ ] Other Municipal Source: _____
   - [ ] Hauled by Contractor
   - [ ] Surface Water
   - [ ] Private Well
   - [ ] Other (describe) _____

2. Water Bill Addressee: WESTLAKE CORP.
3. Water Service Account Numbers: UNKNOWN
4. List past twelve months water usage from:

				[ ] Water Bill	[ ] Other Sources
a. 1st quarter	____19__	through	____19__	____Ccf	____Ccf
b. 2nd quarter	____19__	through	____19__	____Ccf	____Ccf
c. 3rd quarter	____19__	through	____19__	____Ccf	____Ccf
d. 4th quarter	____19__	through	____19__	____Ccf	____Ccf

5. Describe any treatment or conditioning process performed on the raw water before use: NONE

6. List water uses within your facility:

Type of Usage	Estimated Avg Usage (Gallons Per Day)	Type of Usage	Estimated Avg Usage (Gallons Per Day)
a. Sanitary	300	e. Process	
b. Irrigation & Lawn Watering		f. Plant and equip. washdown	
c. Non-contact cooling water		g. Boiler Feed	
d. Contact cooling water		h. Other: ROAD WATERING	18,000
		i. Total a through h:	18,300

7. List water losses and wastewater discharges from your facility:

Type of Discharge	Estimated Avg Discharge (Gallons Per Day)	Type of Discharge	Estimated Avg Discharge (Gallons Per Day)
a. Municipal Sewer	250,300	d. Evaporation	18,000
b. Watercourse, storm drain, ground		e. Contained in product	
c. Haulers		f. Total a through e:	268,300

Total at 7f must equal total at 6i.

8. List average water usage and average wastewater discharge for each activity listed in Section B.1 and B.5. Attach additional sheets if needed.

Item No.	Activity	Type of Discharge Cont.	Type of Discharge Batch	Avg Use (GPD)	Avg Discharge (GPD)	Date When Discharge First Commenced (if known)
1	SANITARY	[ ]	[X]	300	300	UNKNOWN
2	ROAD WATERING	[ ] N/A	[ ]	18,000	0	UNKNOWN
3	LEACHATE REMOVAL	[X]	[ ]	0	250,000	UNKNOWN
		[ ]	[ ]			
		[ ]	[ ]			

Company Name: LANDAU - BRIDGETON
Premise Address: 13570 St. Charles Rock Road
Account Number: 0511 5598-02

SECTION D - SEWER CONNECTION INFORMATION

1. Attach a scale drawing of your premise which shows:
   a. All buildings, alleys, streets and other pertinent structures;
   b. All sewers and drains, including all connections, inlets, manholes, vents and other access or control structures. Identify each sewer as sanitary, storm or combined and indicate its size.
   c. Identify a sampling point for each connection to the public sewer.
   d. Identify a sampling point for each discharge from a federally regulated categorical process.
   e. Identify a sampling point for each discharge to a separate storm sewer or water course.
2. List each sampling point identified in D.1 c, d, and e above. Also include each connection for which there is no sampling point. Assign a sequential reference number to each point, starting with No. 1. Attach additional sheets, if necessary.

Reference Number	Sewer Size (inch)	Description of sewer sampling point or connection	Total Average Flow (GPD)
1	4	LEACHATE LAGOON DISCHARGE M.H.	250,000
2			
3			
4			
5			

SECTION E - WASTEWATER INFORMATION

1. If you listed water usage quantities only for items 6a through c, in Section C.6, you may skip this section. Otherwise, you must complete this section for all water usage listed in Section C.6. Attach additional sheets if necessary.

	Type Wastewater	Discharge Quantity (GPD) for each sampling point or connection 1	2	3	4	5	Facility Total
a.	Sanitary						
b.	Irrigation & Lawn Watering						
c.	Non-Contact Cooling Water						
d.	Contact Cooling Water						
e.	Process (From C.8)						
	LEACHATE REMOVAL	250,000					
f.	Plant & Equip. Washdown						
g.	Boiler Blowdown						
h.	Other ( )						
	Regeneration Waste (C.5)						
	Total (Same as D.2)	250,000					

2. If any of the above points discharge to a watercourse or a separate storm sewer, complete the following:

NPDES Outfall Number	N/A				
NPDES Permit Number	N/A				

3. Do any of the above points also convey stormwater from your premise ?

☐ Yes ☒ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No

4. Do you pretreat any of the wastes discharged through any of the above points?

☒ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No

Company Name: LAIDLAW - BOLINGBROOK
Premise Address: 13570 ST. CHARLES ROCK ROAD
Account Number: 05115598-02

SECTION E - WASTEWATER INFORMATION (Cont'd)

5. Describe the type of wastewater pretreatment you employ prior to each point for which you marked "Yes" in D.4:

Point No.	Pretreatment System Description
1	AERATION / RETENTION LAGOON

6. Does your facility have:

a. A spill control plan? [X] Yes [ ] No
b. A waste minimization plan? [ ] Yes [X] No
c. A solvent management plan? [ ] Yes [X] No
d. A slug discharge plan? [ ] Yes [X] No.

7. If any wastewater analysis has been performed on the wastewater discharges from your facility attach a copy of the most recent data. Be sure to specify the locations from which the samples were collected. Attach sketches, plans, drawings, etc. as necessary.

8. Priority Pollutant Information: Check the appropriate box by each listed chemical whether it is "Suspected Absent", "Known Absent", "Suspected Present", or "Known Present" on your premise, used in your manufacturing or service activity or generated as a by-product. Some pollutants are known by other names. Refer to the instruction booklet for those pollutants which have an asterisk (*).

SA = "Suspected Absent" KA = "Known Absent" SP = "Suspected Present" KP = "Known Present"

ITEM NO.	PRIORITY POLLUTANT	SA	KA	SP	KP
1.	asbestos (fibrous)			X	
2.	cyanide (total)			X	
3.	antimony (total)			X	
4.	arsenic (total)			X	
5.	beryllium (total)			X	
6.	cadmium (total)				X
7.	chromium (total)				X
8.	copper (total)				X
9.	lead (total)				X
10.	mercury (total)			X	
11.	nickel (total)				X
12.	selenium (total)			X	
13.	silver (total			X ←	X
14.	thallium (total)			X	
15.	zinc (total)				X
16.	acenaphthene	X			
17.	acenaphthylene	X			
18.	acrolein	X			
19.	acrylonitrile	X			
20.	aldrin	X			
21.	anthracene	X			
22.	benzene			X	
23.	benzidine	X			
24.	benzo (a) anthracene*	X			
25.	benzo (a) pyrene	X			
26.	benzo (b) fluoranthene	X			
27.	benzo (g,h,i) perylene*	X			
28.	benzo (k) fluoranthene*	X			
29.	alpha-BHC	X			
30.	beta-BHC	X			
31.	delta-BHC	X			
32.	gamma-BHC*	X			
33.	bis (2-chloroethyl) ether*	X			
34.	bis (2-chloroethoxy) methane*	X			
35.	bis (2-chloroisopropyl) ether*	X			
36.	Reserved				
37.	bis (2-ethylhexyl) phthalate	X			
38.	bromodichloromethane*	X			
39.	bromoform*	X			
40.	bromomethane*	X			
41.	4-bromophenylphenyl ether	X			
42.	butylbenzyl phthalate	X			
43.	carbon tetrachloride*	X			
44.	chlordane	X			
45.	4-chloro-3-methylphenol*	X			
46.	chlorobenzene			X	
47.	chlorethane*			X	
48.	2-chloroethylvinyl ether	X			
49.	chloroform*	X			
50.	chloromethane*	X			
51.	2-chloronaphthalene	X			
52.	2-chlorophenol*	X			
53.	4-chlorophenylphenyl ether	X			
54.	chrysene*	X			
55.	4,4'-DDD*	X			
56.	4,4'-DDE*	X			
57.	4,4'-DDT*	X			
58.	dibenzo (a,h) anthracene*	X			
59.	dibromochloromethane*	X			
60.	1,2-dichlorobenzene*	X			
61.	1,3-dichlorobenzene*	X			
62.	1,4-dichlorobenzene*	X			
63.	3,3'-dichlorobenzidine	X			
64.	Reserved				
65.	1,1-dichloroethane*	X			
66.	1,2-dichloroethane*	X			
67.	1,1-dichloroethene*			X	
68.	trans-1,2-dichloroethene*			X	
69.	2,4-dichlorophenol	X			
70.	1,2-dichloropropane*	X			
71.	(cis & trans) 1,3-dichloropropene*	X			
72.	dieldrin	X			
73.	diethyl phthalate*	X			
74.	2,4-dimethylphenol*	X			
75.	dimethyl phthalate	X			
76.	di-n-butyl phthalate	X			

Continued on Page 6

Company Name: LAIDLAW - BRIDGETON
Premise Address: 13570 ST. CHARLES ROCK ROAD
Account Number: 05115598-02

SECTION E - WASTEWATER INFORMATION (Cont'd)

Priority Pollutant Information (Cont'd)

SA = "Suspected Absent" KA = "Known Absent" SP = "Suspected Present" KP = "Known Present"

ITEM NO.	PRIORITY POLLUTANT	SA	KA	SP	KP
77.	di-n-octyl phthalate*	X			
78.	4,6-dinitro-2-methylphenol*	X			
79.	2,4-dinitrophenol	X			
80.	2,4-dinitrotoluene	X			
81.	2,6-dinitrotoluene	X			
82.	1,2-diphenylhydrazine*	X			
83.	endosulfan I*	X			
84.	endosulfan II*	X			
85.	endosulfan sulfate	X			
86.	endrin	X			
87.	endrin aldehyde	X			
88.	ethylbenzene			X	
89.	fluoranthene	X			
90.	fluorene*	X			
91.	heptachlor	X			
92.	heptachlor epoxide	X			
93.	hexachlorobenzene*	X			
94.	hexachlorobutadiene	X			
95.	hexachlorocyclopentadiene*	X			
96.	hexachloroethane*	X			
97.	indeno (1,2,3-cd) pyrene*	X			
98.	isophorone*	X			
99.	methylene chloride*			X	
100.	naphthalene	X			
101.	nitrobenzene	X			
102.	2-nitrophenol	X			

ITEM NO.	PRIORITY POLLUTANT	SA	KA	SP	KP
103.	4-nitrophenol*	X			
104.	N-nitrosodimethylamine*	X			
105.	N-nitrosodi-n-propylamine*	X			
106.	N-nitrosodiphenylamine	X			
107.	PCB-1016*	X			
108.	PCB-1221*	X			
109.	PCB-1232	X			
110.	PCB-1242*	X			
111.	PCB-1248*			X	
112.	PCB-1254*	X			
113.	PCB-1260*			X	
114.	pentachlorophenol	X			
115.	phenanthrene	X			
116.	phenol			X	
117.	pyrene	X			
118.	2,3,7,8-tetrachlorodibenzo-p-dioxin*	X			
119.	1,1,2,2-tetrachloroethane*	X			
120.	tetrachloroethene*	X			
121.	toluene*			X	
122.	toxaphene	X			
123.	1,2,4-trichlorobenzene	X			
124.	1,1,1-trichloroethane*	X			
125.	1,1,2-trichloroethane*	X			
126.	trichloroethene*			X	
127.	Reserved	X			
128.	2,4,6-trichlorophenol	X			
129.	vinyl chloride			X	

9. For priority pollutants in E.8 which are indicated "Known Present," list and provide the following data for each: (attach additional sheets if needed.)

ITEM NO.	PRIORITY POLLUTANT	ANNUAL USAGE (LBS)	LOSS TO SEWER (LBS/YEAR)
6	CADMIUM	0	4.6
7	CHROMIUM	0	9.1
8	COPPER	0	15.6
9	LEAD	0	4.7
11	NICKEL	0	56.3
15	ZINC	0	31.2

Company Name: LAIDLAW - BRIDGETON
Premise Address: 13570 ST. CHARLES ROCK ROAD
Account Number: 0511 5598-02

SECTION F - NON-SEWERED WASTES

1. Do you generate any liquid wastes or sludges which are not disposed in the sewer system? ☐ Yes ☒ No
If "Yes" complete items 2 and 3 below. If "No," skip remainder of this section. Note: Be sure to include wastewaters listed in Section C.7c.

2. Information on non-sewered waste:

Type of Waste	Estimated Quantity Disposed/yr	Units	Store on-site	Dispose on-site	Dispose off-site
☐ Acids and/or Alkalies			☐	☐	☐
☐ Equip. Oils and/or Grease			☐	☐	☐
☐ Infectious Waste			☐	☐	☐
☐ Inks/Dyes			☐	☐	☐
☐ Kitchen/Food Service Grease			☐	☐	☐
☐ Organic Compounds			☐	☐	☐
☐ Paints or Paint Sludes			☐	☐	☐
☐ Pesticides			☐	☐	☐
☐ Pretreatment Sludges			☐	☐	☐
☐ Radioactive Waste			☐	☐	☐
☐ Solvents/Thinners			☐	☐	☐
☐ Other _____			☐	☐	☐
			☐	☐	☐
			☐	☐	☐

3. List your USEPA and/or MDNR Hazardous Waste Generator numbers:
USEPA_____ MDNR_____

SECTION G - INDUSTRIAL WASTE SURCHARGE INFORMATION

1. The following analytical information is required for each sampling point or each connection to the public sewer (see D.1.c), only if your water usage exceeds 80 Ccf per month. Representative samples of the wastewaters in each sewer must be collected and analyzed for the listed parameters. Concentrations are to be reported in mg/l (ppm).

Sewer Number (Refer to Section D.2)
(If more than 5 connections, attach additional sheets)

Daily Average Concentration For Each Sampling Point or Connection

Parameter (mg/l)	1	2	3	4	5
Total Solids	N/T				
Total Suspended Solids	N/T				
Biochemical Oxygen Demands	21				
Chemical Oxygen Demand	125				
Flow (gpd)	250,000				

Company Name: LAMLAW - BRIDGETON
Premise Address: 13570 ST. CHARLES ROCK ROAD
Account Number: 05115598-02

SECTION G - INDUSTRIAL WASTE (Cont'd)

2. Sample handling information: Organization Name and Address

a. Samples collected by: ENVIRONMENTAL ANALYSIS, INC. - FLORISSANT, MO

b. Samples analyzed by: SAME

SECTION H - CERTIFICATION AND SIGNATURE

1. The following individual may be contacted regarding the information contained in this questionnaire:

Name and title of contact person: WILLIAM REED - TECHNICAL SERVICES REP.

Tel No. (708) 439-6686

2. "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."

Name and title of signing official: Randy Anderson Division Mgr.

Tel No. 314-739-1919

Signature Randy Anderson Date 8/15/91

0511 5598-02
BRIDGETON LANDFILL, LCC
13570 ST. CHARLES ROCK ROAD
BRIDGETON, MO 63044

1991 - 1996 PERMIT INFORMATION

FORMER NAMES

1993, LAIDLAW WASTE SYSTEMS INC. - BRIDGETON
1979, WESTLAKE QUARRY

PERMIT OVERFLOW

Metropolitan
St. Louis Sewer
District

Department of Environmental Compliance
10 East Grand Avenue
St. Louis, MO 63147-2913
(314) 436-8710
FAX (314) 436-8753

February 21, 1996

Larry Giroux
Sr. Division General Manager
LAIDLAW WASTE SYSTEMS, INC.
13570 St. Charles Rock Road
Bridgeton, MO 63044

.67 2#3 DAP

Re: Discharge Permit No: 05115598-02
For premise at: 13570 St. Charles Rock Road
Bridgeton, MO 63044

Dear Mr. Giroux:

Your Metropolitan St. Louis Sewer District Industrial Wastewater Discharge Permit issued on April 1, 1994, for the premise identified above, is hereby modified as per the attached page two. This modification is to change the limits for Cadmium, Copper, Lead, and Nickel at sample point 001. The modification is possible due to the District completing a new outfall from the Missouri River Treatment Plant directly to the Missouri River. This action allows the District to regulate industrial wastewater discharges to the Missouri River Treatment Plant using the large river discharge limits contained in MSD Ordinance 8472. This letter and the revised page two should be affixed to your permit as your official record and become a part thereof.

This modification does not affect any monitoring or analysis of your discharge that may be necessary to comply with other requirements of your permit and does not in any way relieve you of your obligations to achieve the discharge limitations as provided in the permit.

Please contact us if you have any questions.

METROPOLITAN ST. LOUIS SEWER DISTRICT

Fabian T. Grabski
Assistant Engineer

Bob Zeman, P.E.
Manager of Environmental Compliance

DISCHARGE LIMITATIONS

SAMPLING POINT REFERENCE NUMBER: **001**

SAMPLING POINT LOCATION: **MH 120'N OF OLD ST CHARLES ROCK ROAD**

AVERAGE WASTEWATER FLOW (GPD): **223,475**

WASTEWATER SOURCE AND CATEGORY: SAN + **LEACHATE FROM** SAN **LANDFILL** ONLY

POLLUTANT DISCHARGE LIMITS
(mg/l unless otherwise specified)

Parameter	Limit *	Limit Type **	Sampling Frequency
Flow (GPD)	***	Daily Avg	***
Biochemical Oxygen Demand	****	Daily Avg	once/3 mo
Chemical Oxygen Demand	****	Daily Avg	once/3 mo
Oil and Grease (Total)	200	Instant	once/3 mo
pH Acidic (s.u.) Less than 7	5.5	Instant	once/3 mo
pH Basic (s.u.) Greater than or equal to 7	11.5	Instant	once/3 mo
Temperature (Degrees C)	60	Instant	once/3 mo
Ammonia (AS N)	*****	Daily Avg	once/3 mo
Total Suspended Solids	****	Daily Avg	once/3 mo
Cadmium (Total)	.7	Daily Avg	once/3 mo
Chromium (Total)	5	Daily Avg	once/3 mo
Copper (Total)	2.7	Daily Avg	once/3 mo
Lead (Total)	.4	Daily Avg	once/3 mo
Nickel (Total)	2.3	Daily Avg	once/3 mo
Zinc (Total)	3	Daily Avg	once/3 mo
Total Toxic Organics	5.52	Instant	once/yr

* Limits are based on MSD Ordinance 8472 and applicable federal categorical standards. See Section II of the permit conditions for explanation of any adjustments to the published limits made pursuant to Article V, Section 2.A of the Ordinance.

** See Section I.A.2 of the permit conditions.

*** Report a measured or estimated average daily flow for at least one representative operating day per month. If additional flow measurements or estimates are made, all must be reported.

**** Monitoring requirement only. See Section I.A.11 of the permit conditions.

***** Monitoring requirement only.

Metropolitan
St. Louis Sewer
District

Department of Environmental Compliance
10 East Grand Avenue
St. Louis, MO 63147-2913
(314) 436-8710
FAX (314) 436-8753

File · Permits

February 1, 1994

Larry Giroux
Sr. Division General Manager
LAIDLAW WASTE SYSTEMS, INC.
13570 St. Charles Rock Rd
Bridgeton, MO 63044

Re: Discharge Permit No: 05115598-02
For premise at: 13570 St. Charles Rock Rd
Bridgeton, MO 63044

Dear Mr. Giroux:

Enclosed is the Metropolitan St. Louis Sewer District Industrial Wastewater Discharge Permit for the premise identified above. This permit is issued pursuant to the federal pretreatment regulations in 40 CFR 403 as amended July 24, 1990. This permit has been prepared based on information that you supplied in the District's Industrial User Questionnaire, on results from previous wastewater samplings and inspections and on requirements contained in existing MSD ordinances and state and federal regulations.

The previous permit, effective August 5, 1992, is voided as of the effective date of the enclosed permit.

Monitoring reports required by the conditions of this permit must be submitted quarterly for the life of the permit. The first report due date, for this reissued permit, is based on a complete calendar quarter monitoring period. The permittee remains responsible for reporting for the preceding calendar quarter under the previous permit. Copies of the necessary report forms are enclosed.

If you disagree with any of the terms or conditions of this permit please inform us, in writing, within 15 working days of receipt. Absence of a response within this time frame will be deemed acceptance, by you, of the provisions of this permit.

You may contact us at 436-8755 at any time if you have any question about your permit.

Sincerely,
METROPOLITAN ST. LOUIS SEWER DISTRICT

Gunter H. Durdel
Gunter H. Durdel
Assistant Engineer

METROPOLITAN ST. LOUIS SEWER DISTRICT
DEPARTMENT OF ENVIRONMENTAL COMPLIANCE
INDUSTRIAL WASTEWATER DISCHARGE PERMIT

PERMIT NO: **05115598-02**

EFFECTIVE DATE: **APRIL 01, 1994**
EXPIRATION DATE: **MARCH 31, 1997**

ISSUED TO: **LAIDLAW WASTE SYSTEMS, INC.**
13570 ST. CHARLES ROCK ROAD
BRIDGETON, MO 63044

SIC NUMBER(S): **4953**

TOTAL NUMBER OF PERMITTED DISCHARGE POINTS: **ONE**
SAMPLING PT. REF. NUMBER(S): **001**

In accordance with the provisions of the Federal Pretreatment Regulations (40 CFR 403) and Metropolitan St. Louis Sewer District Ordinance No. 8472, the permittee is hereby authorized to discharge wastewater into the Metropolitan St. Louis Sewer District's sanitary or combined sewer system. All discharges so authorized shall be limited and controlled pursuant to the terms and conditions of this permit.

Noncompliance with any term or condition of this permit shall constitute an ordinance violation. If formal enforcement action is required to gain compliance, the permittee who is found guilty of a violation shall be subject to fine or imprisonment, or both such fine and imprisonment, for each violation. Each day in which any such violation shall continue shall be deemed a separate offense.

Compliance with the terms and conditions of this permit does not relieve the permittee of the obligation to comply with all other applicable pretreatment regulations, standards, or requirements under local, State and Federal laws, including any such regulation, standard, legal requirement, or law that may become effective during the life of this permit.

This permit only authorizes wastewater discharges identified herein. It does not apply to any other discharge.

METROPOLITAN ST. LOUIS SEWER DISTRICT

Gunter H. Durdel
Assistant Engineer

Bob Zeman, P.E.
Manager of Environmental Compliance

DISCHARGE LIMITATIONS

SAMPLING POINT REFERENCE NUMBER: **001**

SAMPLING POINT LOCATION: **MH 120'N OF OLD ST CHARLES ROCK ROAD**

AVERAGE WASTEWATER FLOW (GPD): **223,475**

WASTEWATER SOURCE AND CATEGORY: SAN + **LEACHATE FROM** SAN **LANDFILL** ONLY

POLLUTANT DISCHARGE LIMITS
(mg/l unless otherwise specified)

Parameter	Limit *	Limit Type **	Sampling Frequency
Flow (GPD)	***	Daily Avg	***
Biochemical Oxygen Demand	****	Daily Avg	once/3 mo
Chemical Oxygen Demand	****	Daily Avg	once/3 mo
Oil and Grease (Total)	200	Instant	once/3 mo
pH Acidic (s.u.) Less than 7	5.5	Instant	once/3 mo
pH Basic (s.u.) Greater than or equal to 7	11.5	Instant	once/3 mo
Temperature (Degrees C)	60	Instant	once/3 mo
Ammonia (AS N)	*****	Daily Avg	once/3 mo
Total Suspended Solids	****	Daily Avg	once/3 mo
Cadmium (Total)	.4.	Daily Avg	once/3 mo
Chromium (Total)	5	Daily Avg	once/3 mo
Copper (Total)	1.5	Daily Avg	once/3 mo
Lead (Total)	.3	Daily Avg	once/3 mo
Nickel (Total)	1.	Daily Avg	once/3 mo
Zinc (Total)	3.	Daily Avg	once/3 mo
Total Toxic Organics	5.52	Instant	once/yr

THIS PAGE REVISED & PMT MODIFIED 02-21-96. FG

* Limits are based on MSD Ordinance 8472 and applicable federal categorical standards. See Section II of the permit conditions for explanation of any adjustments to the published limits made pursuant to Article V, Section 2.A of the Ordinance.

** See Section I.A.2 of the permit conditions.

*** Report a measured or estimated average daily flow for at least one representative operating day per month. If additional flow measurements or estimates are made, all must be reported.

**** Monitoring requirement only. See Section I.A.11 of the permit conditions.

***** Monitoring requirement only.

PERMIT CONDITIONS

SECTION I - GENERAL CONDITIONS:

A. MONITORING AND REPORTING REQUIREMENTS:

1. From the effective date of this permit, the permittee shall self-monitor the discharge at each of the identified sampling points at the frequency specified in this permit. The permittee shall submit self-monitoring reports to the District's Department of Environmental Compliance identifying the concentrations of regulated substances in each of these discharges. Each report shall also include a record of all measured or estimated average daily flows during the reporting period.

2. The pollutants to be monitored are specified individually for each sampling point. The limitation, limitation type and monitoring frequency are given for each pollutant. **Except as noted in paragraph 3 of this section, composite samples shall be collected for all pollutants.** The limitation types are defined as follows:

An INSTANT limitation is the maximum allowable concentration of the pollutant in a grab sample for all pollutants except pH and temperature. For pH the INSTANT limitation is the minimum or maximum allowable instantaneous pH value reported in standard units. For temperature, the INSTANT limitation is the maximum allowable instantaneous temperature reported in degrees C.

A DAILY AVG limitation is the maximum allowable concentration of the pollutant in a composite sample collected within a 24 hour period.

A DAILY MAX limitation is the maximum allowable concentration of the pollutant in any sample collected within a 24 hour period.

A MONTHLY AVG limitation is the maximum allowable average concentration of the pollutant determined by calculating the arithmetic average of the concentrations found in all daily samples collected within a calendar month. The concentrations of all daily samples analyzed using the methods specified in this permit must be included in the calculation.

A 4-DAY AVG limitation is the maximum allowable average concentration of the pollutant determined by calculating the arithmetic average of the concentrations found in the daily samples collected on four consecutive <u>sampling</u> days. The sampling days are not necessarily consecutive calendar days.

A daily sample is <u>any</u> sample collected within a 24 hour period.

3. Unless specified otherwise in Section II of these conditions and except for the pollutants listed at the end of this paragraph, all samples collected to satisfy the monitoring and reporting requirements of this permit shall be **COMPOSITE SAMPLES** made up by combining individual grab samples collected within a 24 hour period. In no case may a composite sample be made from fewer than four grab samples. In all cases the individual grab samples must be adequately spaced so as to ensure a sample that is representative of the permittee's normal operations. Grab samples shall be collected for oil and grease, total phenol, cyanide, sulfide and volatile organics if required. Temperature and pH shall be measured at the point of discharge and the measurements reported as instantaneous values except, if continuous monitoring is employed, reporting shall be as per paragraph 7 below.

4. When monitoring is required for Total Toxic Organics (TTO), TTO shall be determined by summing all quantifiable values greater than .01 mg/l for the applicable toxic organics listed in 40 CFR 401.15. For discharges subject to categorical pretreatment standards, the applicable toxic organics are listed in the standard. For all other discharges the organics to be included in the TTO are all of those which are or may be present in the discharge.

5. Sampling of all discharges shall be conducted in such a manner as to ensure that the results of individual samples (whether grab or composite) are representative of normal operations and that the results of all samples during the reporting period are representative of the conditions during the reporting period.

6. All sampling and analyses performed to satisfy the monitoring and reporting requirements of this permit shall be performed in accordance with the techniques prescribed in 40 CFR 136 and amendments thereto unless other techniques are prescribed for specific parameters.

7. If the permittee employs continuous monitoring techniques for pH and/or temperature at any sampling point identified in this permit, unintentional and temporary excursions outside the limitations are allowed subject to the provisions of Article X, Subsection Two-C of Ordinance 8472. The permittee shall include with the quarterly self monitoring reports required by this Section, a summary of the continuous temperature and/or pH monitoring data. For each month, the summary shall show all excursions outside the permitted limitations, the elapsed time for each excursion and the total time for all excursions for temperature and the total time for all excursions for pH.

8. If the permittee monitors any of the listed pollutants using the methods specified in this permit, more often than required by this permit, the results of all such additional monitoring and any additional flow measurements shall be included in the self-monitoring reports.

9. All self-monitoring reports shall be certified and signed in accordance with the provisions of District Ordinance 8472, Article X, Section Three. The signed reports shall be submitted every three months (Quarterly) to the District's Department of Environmental Compliance. Each report shall be postmarked no later than the 28th day of the month following the end of the monitoring period. **The first report is due by July 28, 1994.**

10. If any sampling performed by the permittee using the methods specified in this permit indicates a violation of any permit limitation, the permittee shall notify the District's Department of Environmental Compliance within one business day of becoming aware of the violation. The permittee shall resample the discharge and shall submit the results of the resampling within thirty (30) days of becoming aware of the violation.

11. Unless specified elsewhere in this permit, discharges of Biochemical Oxygen Demand (BOD), Chemical Oxygen Demand (COD) and Total Suspended Solids (TSS) are not limited under the terms of this permit. However, the monitoring values reported will be used by the District to assess the applicability of surcharges under the provisions of the District's Sewer Service Charge Ordinances. Measured values which exceed 300 mg/l for BOD, 600 mg/l for COD and/or 350 mg/l for TSS may be subject to surcharge. If the permittee is currently subject to surcharge, the BOD, COD and TSS values used for surcharge billing are listed in the Special Conditions Section II of this permit.

B. CHANGE IN DISCHARGE:

1. The permittee shall not significantly increase the average daily volume, or flow rate of discharge or add any significant new pollutants or significantly increase the discharge of existing pollutants set forth in this permit without first having secured an amendment to the permit unless the permit conditions authorize such increase or additions without an amendment.

2. The permittee shall notify the District's Department of Environmental Compliance of any proposed significant new or increased discharge. The permittee shall make the notification at least ten (10) business days prior to the date of the planned increase or addition.

3. As defined in District Ordinance 8472, Article II, significant new or increased discharge means:

a. Any discharge from a new process or facility or a new source.

b. Any increase in volume or rate of discharge from an existing process or facility when the new long term average daily volume or rate of discharge will exceed the previous long term average by 20% or more.

c. Any addition of a priority pollutant or toxic pollutant not previously present or suspected present in the permittee's discharge.

d. Any addition of a hazardous waste subject to, but not previously reported under the reporting requirements in District Ordinance 8472, Article VIII, Section Nine.

e. Any increase in mass of an existing regulated pollutant when the new long term average daily mass discharge of that pollutant will exceed the previous long term average by 20% or more.

f. Any addition of a new pollutant or any increase in mass of an existing pollutant when the discharge of such pollutant may cause or contribute to interference or pass-through as these terms are defined in District Ordinance 8472, Article II.

g. Any new batch discharges when previous discharges from an existing source at the permitted facility occurred on a continuous basis.

C. PROBLEM DISCHARGE:

1. Problem discharge means any upset, slug discharge, bypass, spill or accident which does or may result in a discharge into the District's system of a prohibited substance; or of a regulated substance in excess of limitations established in this permit and which may: (a) cause interference or pass through; or (b) contribute to a violation of any requirement of the District's NPDES permit; or (c) cause violation of any State or Federal water quality standard.

2. In the event of any problem discharge into the District's system, the permittee shall immediately notify the District's Department of Environmental Compliance by telephone of the incident and shall provide such information as may be required at that time in order to assess the impact of the incident on the District's system or on water quality. Within five (5) business days following any such incident, the permittee shall submit to the District's Department of Environmental Compliance a detailed written report which contains a description of the incident and its cause, location within the permittee's facility, exact dates and times of the period of problem discharge and, if not yet corrected, the anticipated time the incident is expected to continue, and steps taken or planned to correct the current incident and to reduce, eliminate and prevent occurrences of future such incidents.

D. BYPASSING PROHIBITED:

The permittee may not bypass any portion of its pretreatment facilities except when necessary to perform essential maintenance and then only if the bypass will not result in a violation of applicable pretreatment standards or requirements. Any other pretreatment facility bypass is prohibited unless:

a. The bypass is unavoidable to prevent loss of life, personal injury or severe property damage;
b. There are no feasible alternatives to the bypass; and
c. In the event of an anticipated bypass, advance notice is provided to the District's Department of Environmental Compliance.

E. PERMIT REVOCATION:

This permit may be revoked after thirty (30) days notice to the permittee for cause including, but not limited to, the following causes:
a. A violation of any term or condition of this permit.
b. A misrepresentation or failure to fully disclose all relevant facts in obtaining this permit.

F. PERMIT TERMINATION OR MODIFICATION:

1. This permit may be modified after thirty (30) days notice to the permittee following promulgation of new State, Federal or local regulations to ensure compliance with the effective dates contained in any such new regulations.

2. Whenever any discharge covered by this permit is permanently eliminated, or when the circumstances upon which the permit was based pursuant to MSD Ordinance 8472 Article VI, Subsection 3.A, change, this permit will be terminated or modified upon verification of the changes by the District's Department of Environmental Compliance.

G. PERMIT RENEWAL:

The permittee shall apply for renewal of this permit at least one hundred eighty (180) days prior to the expiration date contained herein.

H. PERMIT TRANSFER:

This permit may not be transferred or reassigned. If the premise covered by this permit is sold or otherwise transferred to a new owner, the new owner shall apply for a new permit at least ten (10) days prior to the transfer and shall abide by all of the provisions of Sewer Use Ordinance No. 8472 until the District issues a new permit or denies the application.

I. RIGHT OF ENTRY:

In order to ensure compliance with the provisions of this permit, District Ordinances and applicable State and Federal regulations, District representatives may inspect a permittee's treatment, pretreatment or discharge control facilities, or any process or any area of the permittee's premise which may be a source of any discharge or a source of any pollutants contained in any discharge into the District's wastewater system; conduct sampling of such facilities, processes or areas; and examine or copy any permittee's records related to such discharges. Any duly authorized representative of the District upon presentation of proper credentials and after execution of appropriate confidentiality agreements shall be permitted access to appropriate areas of the permittee's premises without prior notice for these purposes. A representative of the user shall, if appropriate, accompany the District representative while the work is being performed and shall assure that all applicable safety rules are being observed by the District's representative.

J. RECORDS RETENTION:

The permittee shall retain and preserve, for not less than three (3) years, all records, books, documents, memoranda, reports, sample analysis results, correspondence and any and all summaries thereof relating to the monitoring, sampling and chemical analyses of the permittee's discharge made by or on the permittee's behalf.

K. DEFINITIONS:

Unless the context specifically indicates otherwise, the meaning of terms used in this permit shall be as defined in District Ordinance 8472, Article II.

L. SEWER USE ORDINANCE:

Unless the context specifically indicates otherwise, the permittee is subject to all the conditions of District Ordinance 8472.

M. NOTIFICATION AND REPORTING:

1. All notifications and reports required by this permit shall be directed to:

Metropolitan St. Louis Sewer District
Department of Environmental Compliance
10 East Grand Avenue
St. Louis, Missouri 63147-2913

2. Emergency notifications may be made 24 hours a day by calling the Metropolitan St. Louis Sewer District dispatcher at 768-6260.

3. During normal business hours, notifications may be made by calling the Department of Environmental Compliance at 436-8710.

SECTION II - SPECIAL CONDITIONS:

A. SPECIAL MONITORING & REPORTING REQUIREMENTS

1. For billing purposes, the permittee shall submit monthly reports of the volume of leachate discharged through sample point **001**. These reports shall be sent to Shirley Gault, MSD Finance Department, 2000 Hampton Ave, St. Louis, MO 63139, within 15 days of the end of each month. Copies of the monthly leachate volume reports shall also be included with the routine quarterly monitoring reports required pursuant to General Condition I.A.

THIS IS THE LAST PAGE OF THIS PERMIT

3 NPDES Outfalls

METROPOLITAN ST. LOUIS SEWER DISTRICT
INDUSTRIAL WASTEWATER DISCHARGE PERMIT

FACT SHEET

Check If:
FIRST TIME PERMIT: ___
PERMIT RENEWAL: ✓
PERMIT REVISION: ___

Prepared by: 12-2 MAM
Date: 12-27-93
Checked by: BJ
Date: 1/5/94

PERMIT NO: 05115598 02 EFFECTIVE DATE: April 01, 1994
EXPIRATION DATE: March 31, 1997
MODIFICATION DATE(S): 02-21-96

OTHER ACCOUNT NUMBERS: NA

COMPANY NAME: Laidlaw Waste Systems Inc.

PREMISE ADDRESS: 13570 St. Charles Rock Road

SIC NUMBER(S): 4953

TYPE OF OPERATION: Sanitary Landfill

TOTAL NUMBER OF SAMPLING POINTS: One
NUMBER OF: ORDINANCE 1 CATEGORICAL ___ COMBINED ___

CATEGORICAL INDUSTRY: YES ___ NO ✓
IF YES, 40 CFR ___ SUBPART ___

EXTRA STRENGTH SURCHARGE: YES ___ NO ✓
IF YES, BOD: ___ COD: ___ TSS: ___

RETURN FACTOR: YES ___ NO ✓ IF YES, PERCENT (%): ___

SPECIAL CONDITIONS: YES ✓ NO ___

SUPPORTING DOCUMENTS ATTACHED:

PERMIT PREPARATION CHECK LIST: YES ✓ NO ___
POLLUTANT & LIMITATIONS DOCUMENTATION SHEETS: YES ✓ NO ___
PRODUCTION BASED STDS CALCULATION SHEETS: YES ___ NO ___ N/A ✓
IF YES, FOR SAMPLING POINT: ___
MOST STRICT STANDARDS CALCULATION SHEETS: YES ___ NO ___ N/A ✓
IF YES, FOR SAMPLING POINT: ___
COMBINED WASTESTREAMS CALCULATION SHEETS: YES ___ NO ___ N/A ✓
IF YES, FOR SAMPLING POINT: ___
OTHER: ___

COMMENTS: ___

MSD 022568

PERMIT NO: 0511-5598-02

THIS PAGE REVISED & MODIFIED 02-21-96 FG

SAMPLING POINT REFERENCE NUMBER: 001

WASTEWATER SOURCES: leachate from landfill
FLOW RATE (GPD): 225,475
BASIS FOR FLOW RATE: Rev. IUQ dated 9-30-93

GENERAL POLLUTANTS:
BOD ✓ COD ✓ O & G ✓ PH ✓ TEMP ✓ TSS ✓
OTHER chlor, ~~Ammonia (as N)~~

PRIORITY POLLUTANTS: CD, CR, CU, PB, NI, ZN, TTO

BASIS FOR POLLUTANTS & LIMITATIONS: MSD ORDINANCE 8472, Priority Pollutants are monitored because they are known as "KP" on IUQ.

SPECIAL CONDITION(S) REQUIRED: YES ✓ NO ____
IF YES, # ✓ # ____ # ____ # ____ IS APPLICABLE.
✓ Permittee shall submit to the Detroit Finance Department monthly reports of the volumes of leachate discharged through SP 001

SAMPLING POINT REFERENCE NUMBER: ____

WASTEWATER SOURCES: ____
FLOW RATE (GPD): ____
BASIS FOR FLOW RATE: ____

GENERAL POLLUTANTS:
BOD ____ COD ____ O & G ____ PH ____ TEMP ____ TSS ____
OTHER ____

PRIORITY POLLUTANTS: ____

BASIS FOR POLLUTANTS & LIMITATIONS: ____

SPECIAL CONDITION(S) REQUIRED: YES ____ NO ____
IF YES, # ____ # ____ # ____ # ____ IS APPLICABLE.

Rev: 10/27/93

Company Name: Hardman Waste System Cat: 4,9 Prepared By: MAM

Acct. Number: 0511 5598-02 Date: 12-27-93 Reviewed By / Date: gd / 12-28-93

PERMIT PREPARATION CHECK LIST (Rev 06/15/93)

REVIEW THE PRETREATMENT DATABASE AND INDUSTRY FILE. ANSWER THE FOLLOWING QUESTIONS AND UPDATE THE DATABASE PRIOR TO DEVELOPING THE DRAFT PERMIT.

1. Are the correct SIC numbers listed? ✓ Yes ___ No
   If No - add: _____.
   - delete: _____.

2. Do the Sampling Point Location comments specifically locate the sampling point(s)? ✓ Yes ___ No

3. Are there any active wastewater connections to District sewers that have no identified sample points? ___ Yes ✓ No
   If Yes - how many? _____.
   Explain: _____.
   If Yes - can Special Condition #10 be used? a___ or b___? ___ Yes ___ No
   If Yes - is documentation sufficient? ___ Yes ___ No
   If No - is a compliance schedule necessary to establish documentation? ___ Yes ___ No
   If Yes - Special Condition #20 is applicable.

4. Are there any inactive wastewater connections to District sewers? ___ Yes ✓ No
   If Yes - does Special Condition #11 apply? ___ Yes ___ No

5. Are there any sampling points identified as Dry Justified? ___ Yes ✓ No
   If Yes - which sampling point(s) _____.
   Special Condition #9 is applicable.

6. Does company have upstream/downstream sampling points? ___ Yes ✓ No
   If Yes - upstream # _____ & downstream # _____.
   If Yes - Special Condition #19 is applicable.

7. Does company have more than one water account? ___ Yes ✓ No
   If Yes - is PSIM using the most appropriate account number? ___ Yes ___ No
   If No - what account number should be used?
   #_____. Prepare Jar 019 request.

8. If company has only one water account, do the discharge factors provide an accurate representation of the flows at each sampling point? ✓ Yes ___ No
   If No - explain: _____
   _____.

9. Does company have a return factor less than 1.00 for any account? ___ Yes ✓ No
   If Yes - list account number, return factor and date updated:
   #_____ RF_____ UPDATED_____
   #_____ RF_____ UPDATED_____
   Special Condition #13 is applicable.

MSD 022570

Acct. Number 05115598-02

10. Do the Wastewater Source and Category comments accurately identify the wastewater discharged and the applicable categorical standards? ✓ Yes ___ No

11. Does company discharge any process waste? LEACHATE ✓ Yes ~~✓~~ No 02
    If No - does Special Condition #2____ or #3____ apply? ___ Yes ~~✓~~ No

12. Are there sampling points which include no process waste flows? ___ Yes ✓ No
    If Yes - does Special Condition #9 apply? ___ Yes ✓ No
    If Yes - which sampling point(s):_____.

13. Can grab samples be used in lieu of composite samples? ___ Yes ✓ No
    If Yes - which sampling point(s):_____.
    If Yes - is documentation adequate? ___ Yes ___ No
    Special Condition #12 is applicable.

14. Is company in surcharge - Category 2? ___ Yes ✓ No
    If Yes - date last certified:_____.
    Special Condition # 22 is applicable.

15. Do the ordinance discharge limits correspond to the watershed? ✓ Yes ~~✓~~ No 02
    Watershed is classified small ✓ or large____ river.

16. Do any sampling points have both Ordinance and Categorical limits? ___ Yes ✓ No
    If Yes - which sampling point(s):_____.
    Special Condition #8 is applicable. Attach worksheet.

17. Is the Combined Wastestream Formula (CWF) required? ___ Yes ✓ No
    If Yes - which sampling point(s):_____.
    If Yes - date last calculated:_____.
    Special Condition #7 is applicable. Attach CWF worksheet.

18. Are limitations based on production data? ___ Yes ✓ No
    If Yes - which sampling point(s):_____.
    If Yes - date last calculated:_____.
    Do Special Conditions #4, #5 & #6 apply? ___ Yes ___ No
    If Yes - which Special Condition(s):_____.

19. Is company a pharmaceutical manufacturer subject to 40 CFR 439? ___ Yes ✓ No
    If Yes - have they certified to the absence of cyanide? ___ Yes ___ No
    If Yes - Special Condition #23 is applicable.
    If No - must total cyanide limitations be adjusted? ___ Yes ___ No
    If Yes - calculate adjusted limitations. Attach worksheet.

20. Is company a soap and detergent manufacturer subject to 40 CFR 417? ___ Yes ✓ No
    If Yes - are they subject to Subparts O__, P__, Q__ or R__? ___ Yes ___ No
    If Yes - for Subpart O, Special Condition #25 is applicable.
    If Yes - for Subpart P, Special Condition #26 is applicable.
    If Yes - for Subpart Q, Special Condition #27 is applicable.
    If Yes - for Subpart R, Special Condition #28 is applicable.

21. Is company a coil coater subject to 40 CFR 465? ___ Yes ✓ No
    If Yes - Special Conditions #29 and #30 are applicable.

22. Is company a coil coater subject to 40 CFR 465 Subpart D? ___Yes ✓ No
    If Yes - Special Condition #31 is applicable.

23. Is company a coil coater subject to 40 CFR 465? ___Yes ✓ No
    If Yes - Special Condition #16b is applicable.
    If Yes - is there a separate categorical sampling point for the regulated waste? ___Yes___No
    If Yes - include O&G (Hydrocarbon) in the list of parameters at the categorical sampling point.
    If No - and categorical waste discharges at a combined ord/cat sampling point, include O&G (Total) and O&G (Hydrocarbon) in the list of parameters at the combined sampling point.

24. Is company a job shop electroplater with >10,000 gpd? ___Yes ✓ No
    If Yes - Special Condition #17 is applicable.

25. Can company be exempted from monitoring for TTO at a categorical sampling point? ✓ N/A___Yes___No
    If Yes - which sampling point(s):_____.
    Special Condition #14 ___or #15 ___is applicable.

26. May company monitor for Oil & Grease in lieu of TTO at a categorical sampling point? ✓ N/A___Yes___No
    If Yes - which sampling point(s):_____.
    If Yes - Special Condition #16a is applicable.

27. Are all applicable priority pollutants listed at ordinance sampling points? ___Yes ✓ No
    If No - add:_____.
    - delete: Iron, ~~Cadmium (Ar, N)~~ 03.

28. Can company be exempted from monitoring for TTO at any ordinance sampling points? ___Yes ✓ No
    If Yes - which sampling point(s)_____.
    If Yes - describe company's business:_____

29. Is company required to monitor for Total Phenols? ___Yes ✓ No
    If Yes - is Special Condition #24 applicable? ___Yes___No

30. Are all SARA Data pollutants monitored? ✓ N/A___Yes___No
    If No - do additional pollutants need to be monitored? ___Yes___No
    If Yes - list pollutant(s):_____.

31. Are all Hazardous Waste Report (403.12(p)) pollutants monitored? ✓ N/A___Yes___No
    If No - do additional pollutants need to be monitored? ___Yes___No
    If Yes - list pollutant(s):_____.

32. Are there any additional pollutants, not in the database, which should be monitored? ___Yes___No
    If Yes - list pollutant(s):_____.
    Is Special Condition #18 applicable? ___Yes___No

Acct. Number 05115598-02

33. Does company have a history of compliance problems? ✓ Yes ___ No
    If Yes - is a compliance schedule required? ___ Yes ___ No
    If Yes - Special Condition #20 is applicable.

34. Are there any special billing provisions that require a Special Condition in the permit? ✓ Yes ___ No
    If Yes - please describe:

    * Permittee shall submit to the District's Finance department, monthly reports of the volume of leachate discharged through sample point 001

35. Are any Special Conditions other than the standard Special Conditions needed? ___ Yes ✓ No
    If Yes - please describe:

Summary: List all the Special Conditions applicable to this permit:

#* #____ #____ #____ #____ #____ #____ #____ #____ #____

If Special Condition #20 is applicable, outline the requirements & dates below:

PERMIT MODIFICATION
DOCUMENTATION FORM

Permit to be Modified:

Company Name: LAIDLAW WASTE SYSTEMS, INC.

Location:

Permit No: 05115598-02 Effective Date: 04-01-94

What is to be Modified:

Briefly explain what is to be modified and then list the pages affected

SPOOL: MODIFY Cd, Cu, Pb, & Ni FROM SMALL RIVER TO LARGE RIVER DISCHARGE LIMITS.

Pg. # 2 Cd; 0.4 TO 0.7, Cu; 1.5 TO 2.7, Pb; 0.2 TO 0.4 Ni; 1.0 TO 2.3

Pg. #

Pg. #

Pg. #

Reasons for Modification: (Cite regulation, policy, etc. and identify any other documents which support the modification)

CONSTRUCTION HAS BEEN COMPLETED OF AN OUTFALL AT THE MO RIVER TREATMENT PLANT. THIS ALLOWS THE DISTRICT TO REGULATE INDUSTRIAL WASTEWATER DISCHARGES TO THE MO RVR TMT PLANT USING LARGE RIVER DISCHARGE LIMITS.

Modification Form Prepared By: FG Date: 2-20-96

****

Permit Modified by: FG Date: 2-20-96

Entire permit reissued ___ (or) Only pages 2 modified.

MSD 022574

Metropolitan
St. Louis Sewer
District

Department of Environmental Compliance
10 East Grand Avenue
St. Louis, MO 63147-2913
(314) 436-8710
FAX (314) 436-8753

January 7, 1994

Larry Giroux
Sr. Division General Manager
LAIDLAW WASTE SYSTEMS, INC.
13570 St. Charles Rock Rd
Bridgeton, MO 63044

Re: Proposed Renewal of Discharge Permit No: 05115598-02
For premise at: 13570 St. Charles Rock Rd
Bridgeton, MO 63044

Dear Mr. Giroux:

We have completed our review of your application for renewal of the Metropolitan St. Louis Sewer District Industrial Wastewater Discharge Permit for the premise identified above. The current permit expires on March 31, 1994. Enclosed is a draft copy of the proposed permit renewal.

This draft has been prepared pursuant to the federal pretreatment regulations in 40 CFR 403 as amended July 24, 1990 and is based on information that you supplied in the District's Industrial User Questionnaire, on results from previous wastewater samplings and inspections and on requirements contained in existing MSD ordinances and state and federal regulations.

Please review this draft copy carefully. If you disagree with any of the terms or conditions of the proposed permit please inform us, in writing, within 15 working days of receipt. Absence of a response within this time frame will be deemed as acceptance of the draft permit and we will proceed to issue the final permit.

If you have any questions, please contact me at 436-8755.

Sincerely,
METROPOLITAN ST. LOUIS SEWER DISTRICT

Gunter H. Durdel
Gunter H. Durdel
Assistant Engineer

ldl

Enclosure

DRAFT

METROPOLITAN ST. LOUIS SEWER DISTRICT
DEPARTMENT OF ENVIRONMENTAL COMPLIANCE
INDUSTRIAL WASTEWATER DISCHARGE PERMIT

PERMIT NO: **05115598-02**

EFFECTIVE DATE: **APRIL 01, 1994**
EXPIRATION DATE: **MARCH 31, 1997**

ISSUED TO: **LAIDLAW WASTE SYSTEMS, INC.**
13570 ST. CHARLES ROCK ROAD
BRIDGETON, MO 63044

SIC NUMBER(S): **4953**

TOTAL NUMBER OF PERMITTED DISCHARGE POINTS: **ONE**
SAMPLING PT. REF. NUMBER(S): **001**

In accordance with the provisions of the Federal Pretreatment Regulations (40 CFR 403) and Metropolitan St. Louis Sewer District Ordinance No. 8472, the permittee is hereby authorized to discharge wastewater into the Metropolitan St. Louis Sewer District's sanitary or combined sewer system. All discharges so authorized shall be limited and controlled pursuant to the terms and conditions of this permit.

Noncompliance with any term or condition of this permit shall constitute an ordinance violation. If formal enforcement action is required to gain compliance, the permittee who is found guilty of a violation shall be subject to fine or imprisonment, or both such fine and imprisonment, for each violation. Each day in which any such violation shall continue shall be deemed a separate offense.

Compliance with the terms and conditions of this permit does not relieve the permittee of the obligation to comply with all other applicable pretreatment regulations, standards, or requirements under local, State and Federal laws, including any such regulation, standard, legal requirement, or law that may become effective during the life of this permit.

This permit only authorizes wastewater discharges identified herein. It does not apply to any other discharge.

METROPOLITAN ST. LOUIS SEWER DISTRICT

Gunter H. Durdel
Assistant Engineer

Bob Zeman, P.E.
Manager of Environmental Compliance

DISCHARGE LIMITATIONS

SAMPLING POINT REFERENCE NUMBER: **001**

SAMPLING POINT LOCATION: **MH 120'N OF OLD ST CHARLES ROCK ROAD**

AVERAGE WASTEWATER FLOW (GPD): **223,475**

WASTEWATER SOURCE AND CATEGORY: **LEACHATE FROM LANDFILL**

POLLUTANT DISCHARGE LIMITS
(mg/l unless otherwise specified)

Parameter	Limit *	Limit Type **	Sampling Frequency
Flow (GPD)	***	Daily Avg	***
Biochemical Oxygen Demand	****	Daily Avg	once/3 mo
Chemical Oxygen Demand	****	Daily Avg	once/3 mo
Oil and Grease (Total)	200	Instant	once/3 mo
pH Acidic (s.u.) Less than 7	5.5	Instant	once/3 mo
pH Basic (s.u.) Greater than or equal to 7	11.5	Instant	once/3 mo
Temperature (Degrees C)	60	Instant	once/3 mo
Ammonia (AS N)	*****	Daily Avg	once/3 mo
Total Suspended Solids	****	Daily Avg	once/3 mo
Cadmium (Total)	.4	Daily Avg	once/3 mo
Chromium (Total)	5	Daily Avg	once/3 mo
Copper (Total)	1.5	Daily Avg	once/3 mo
Lead (Total)	.2	Daily Avg	once/3 mo
Nickel (Total)	1	Daily Avg	once/3 mo
Zinc (Total)	3	Daily Avg	once/3 mo
Total Toxic Organics	5.52	Instant	once/yr

* Limits are based on MSD Ordinance 8472 and applicable federal categorical standards. See Section II of the permit conditions for explanation of any adjustments to the published limits made pursuant to Article V, Section 2.A of the Ordinance.

** See Section I.A.2 of the permit conditions.

*** Report a measured or estimated average daily flow for at least one representative operating day per month. If additional flow measurements or estimates are made, all must be reported.

**** Monitoring requirement only. See Section I.A.11 of the permit conditions.

***** Monitoring requirement only.

PERMIT CONDITIONS

SECTION I - GENERAL CONDITIONS:

A. MONITORING AND REPORTING REQUIREMENTS:

1. From the effective date of this permit, the permittee shall self-monitor the discharge at each of the identified sampling points at the frequency specified in this permit. The permittee shall submit self-monitoring reports to the District's Department of Environmental Compliance identifying the concentrations of regulated substances in each of these discharges. Each report shall also include a record of all measured or estimated average daily flows during the reporting period.

2. The pollutants to be monitored are specified individually for each sampling point. The limitation, limitation type and monitoring frequency are given for each pollutant. **Except as noted in paragraph 3 of this section, composite samples shall be collected for all pollutants.** The limitation types are defined as follows:

INSTANT limitation is the maximum allowable concentration of the pollutant in a grab sample for all pollutants except pH and temperature. For pH the INSTANT limitation is the minimum or maximum allowable instantaneous pH value reported in standard units. For temperature, the INSTANT limitation is the maximum allowable instantaneous temperature reported in degrees C.

DAILY AVG limitation is the maximum allowable concentration of the pollutant in a composite sample collected within a 24 hour period.

DAILY MAX limitation is the maximum allowable concentration of the pollutant in any sample collected within a 24 hour period.

A MONTHLY AVG limitation is the maximum allowable average concentration of the pollutant determined by calculating the arithmetic average of the concentrations found in all daily samples collected within a calendar month. The concentrations of all daily samples analyzed using the methods specified in this permit must be included in the calculation.

A 4-DAY AVG limitation is the maximum allowable average concentration of the pollutant determined by calculating the arithmetic average of the concentrations found in the daily samples collected on four consecutive <u>sampling</u> days. The sampling days are not necessarily consecutive calendar days.

A daily sample is <u>any</u> sample collected within a 24 hour period.

3. Unless specified otherwise in Section II of these conditions and except for the pollutants listed at the end of this paragraph, all samples collected to satisfy the monitoring and reporting requirements of this permit shall be **COMPOSITE SAMPLES** made up by combining individual grab samples collected within a 24 hour period. In no case may a composite sample be made from fewer than four grab samples. In all cases the individual grab samples must be adequately spaced so as to ensure a sample that is representative of the permittee's normal operations. Grab samples shall be collected for oil and grease, total phenol, cyanide, sulfide and volatile organics if required. Temperature and pH shall be measured at the point of discharge and the measurements reported as instantaneous values except, if continuous monitoring is employed, reporting shall be as per paragraph 7 below.

4. When monitoring is required for Total Toxic Organics (TTO), TTO shall be determined by summing all quantifiable values greater than .01 mg/l for the applicable toxic organics listed in 40 CFR 401.15. For discharges subject to categorical pretreatment standards, the applicable toxic organics are listed in the standard. For all other discharges the organics to be included in the TTO are all of those which are or may be present in the discharge.

5. Sampling of all discharges shall be conducted in such a manner as to ensure that the results of individual samples (whether grab or composite) are representative of normal operations and that the results of all samples during the reporting period are representative of the conditions during the reporting period.

6. All sampling and analyses performed to satisfy the monitoring and reporting requirements of this permit shall be performed in accordance with the techniques prescribed in 40 CFR 136 and amendments thereto unless other techniques are prescribed for specific parameters.

7. If the permittee employs continuous monitoring techniques for pH and/or temperature at any sampling point identified in this permit, unintentional and temporary excursions outside the limitations are allowed subject to the provisions of Article X, Subsection Two-C of Ordinance 8472. The permittee shall include with the quarterly self monitoring reports required by this Section, a summary of the continuous temperature and/or pH monitoring data. For each month, the summary shall show all excursions outside the permitted limitations, the elapsed time for each excursion and the total time for all excursions for temperature and the total time for all excursions for pH.

8. If the permittee monitors any of the listed pollutants using the methods specified in this permit, more often than required by this permit, the results of all such additional monitoring and any additional flow measurements shall be included in the self-monitoring reports.

9. All self-monitoring reports shall be certified and signed in accordance with the provisions of District Ordinance 8472, Article X, Section Three. The signed reports shall be submitted every three months (Quarterly) to the District's Department of Environmental Compliance. Each report shall be postmarked no later than the 28th day of the month following the end of the monitoring period. **The first report is due by July 28, 1994.**

10. If any sampling performed by the permittee using the methods specified in this permit indicates a violation of any permit limitation, the permittee shall notify the District's Department of Environmental Compliance within one business day of becoming aware of the violation. The permittee shall resample the discharge and shall submit the results of the resampling within thirty (30) days of becoming aware of the violation.

11. Unless specified elsewhere in this permit, discharges of Biochemical Oxygen Demand (BOD), Chemical Oxygen Demand (COD) and Total Suspended Solids (TSS) are not limited under the terms of this permit. However, the monitoring values reported will be used by the District to assess the applicability of surcharges under the provisions of the District's Sewer Service Charge Ordinances. Measured values which exceed 300 mg/l for BOD, 600 mg/l for COD and/or 350 mg/l for TSS may be subject to surcharge. If the permittee is currently subject to surcharge, the BOD, COD and TSS values used for surcharge billing are listed in the Special Conditions Section II of this permit.

B. CHANGE IN DISCHARGE:

1. The permittee shall not significantly increase the average daily volume, or flow rate of discharge or add any significant new pollutants or significantly increase the discharge of existing pollutants set forth in this permit without first having secured an amendment to the permit unless the permit conditions authorize such increase or additions without an amendment.

2. The permittee shall notify the District's Department of Environmental Compliance of any proposed significant new or increased discharge. The permittee shall make the notification at least ten (10) business days prior to the date of the planned increase or addition.

3. As defined in District Ordinance 8472, Article II, significant new or increased discharge means:

a. Any discharge from a new process or facility or a new source.

b. Any increase in volume or rate of discharge from an existing process or facility when the new long term average daily volume or rate of discharge will exceed the previous long term average by 20% or more.

c. Any addition of a priority pollutant or toxic pollutant not previously present or suspected present in the permittee's discharge.

d. Any addition of a hazardous waste subject to, but not previously reported under the reporting requirements in District Ordinance 8472, Article VIII, Section Nine.

e. Any increase in mass of an existing regulated pollutant when the new long term average daily mass discharge of that pollutant will exceed the previous long term average by 20% or more.

f. Any addition of a new pollutant or any increase in mass of an existing pollutant when the discharge of such pollutant may cause or contribute to interference or pass-through as these terms are defined in District Ordinance 8472, Article II.

g. Any new batch discharges when previous discharges from an existing source at the permitted facility occurred on a continuous basis.

C. PROBLEM DISCHARGE:

1. Problem discharge means any upset, slug discharge, bypass, spill or accident which does or may result in a discharge into the District's system of a prohibited substance; or of a regulated substance in excess of limitations established in this permit and which may: (a) cause interference or pass through; or (b) contribute to a violation of any requirement of the District's NPDES permit; or (c) cause violation of any State or Federal water quality standard.

2. In the event of any problem discharge into the District's system, the permittee shall immediately notify the District's Department of Environmental Compliance by telephone of the incident and shall provide such information as may be required at that time in order to assess the impact of the incident on the District's system or on water quality. Within five (5) business days following any such incident, the permittee shall submit to the District's Department of Environmental Compliance a detailed written report which contains a description of the incident and its cause, location within the permittee's facility, exact dates and times of the period of problem discharge and, if not yet corrected, the anticipated time the incident is expected to continue, and steps taken or planned to correct the current incident and to reduce, eliminate and prevent occurrences of future such incidents.

D. BYPASSING PROHIBITED:

The permittee may not bypass any portion of its pretreatment facilities except when necessary to perform essential maintenance and then only if the bypass will not result in a violation of applicable pretreatment standards or requirements. Any other pretreatment facility bypass is prohibited unless:

a. The bypass is unavoidable to prevent loss of life, personal injury or severe property damage;
b. There are no feasible alternatives to the bypass; and
c. In the event of an anticipated bypass, advance notice is provided to the District's Department of Environmental Compliance.

E. PERMIT REVOCATION:

This permit may be revoked after thirty (30) days notice to the permittee for cause including, but not limited to, the following causes:
a. A violation of any term or condition of this permit.
b. A misrepresentation or failure to fully disclose all relevant facts in obtaining this permit.

F. PERMIT TERMINATION OR MODIFICATION:

1. This permit may be modified after thirty (30) days notice to the permittee following promulgation of new State, Federal or local regulations to ensure compliance with the effective dates contained in any such new regulations.

2. Whenever any discharge covered by this permit is permanently eliminated, or when the circumstances upon which the permit was based pursuant to MSD Ordinance 8472 Article VI, Subsection 3.A, change, this permit will be terminated or modified upon verification of the changes by the District's Department of Environmental Compliance.

G. PERMIT RENEWAL:

The permittee shall apply for renewal of this permit at least one hundred eighty (180) days prior to the expiration date contained herein.

H. PERMIT TRANSFER:

This permit may not be transferred or reassigned. If the premise covered by this permit is sold or otherwise transferred to a new owner, the new owner shall apply for a new permit at least ten (10) days prior to the transfer and shall abide by all of the provisions of Sewer Use Ordinance No. 8472 until the District issues a new permit or denies the application.

I. RIGHT OF ENTRY:

In order to ensure compliance with the provisions of this permit, District Ordinances and applicable State and Federal regulations, District representatives may inspect a permittee's treatment, pretreatment or discharge control facilities, or any process or any area of the permittee's premise which may be a source of any discharge or a source of any pollutants contained in any discharge into the District's wastewater system; conduct sampling of such facilities, processes or areas; and examine or copy any permittee's records related to such discharges. Any duly authorized representative of the District upon presentation of proper credentials and after execution of appropriate confidentiality agreements shall be permitted access to appropriate areas of the permittee's premises without prior notice for these purposes. A representative of the user shall, if appropriate, accompany the District representative while the work is being performed and shall assure that all applicable safety rules are being observed by the District's representative.

J. RECORDS RETENTION:

The permittee shall retain and preserve, for not less than three (3) years, all records, books, documents, memoranda, reports, sample analysis results, correspondence and any and all summaries thereof relating to the monitoring, sampling and chemical analyses of the permittee's discharge made by or on the permittee's behalf.

K. DEFINITIONS:

Unless the context specifically indicates otherwise, the meaning of terms used in this permit shall be as defined in District Ordinance 8472, Article II.

L. SEWER USE ORDINANCE:

Unless the context specifically indicates otherwise, the permittee is subject to all the conditions of District Ordinance 8472.

M. NOTIFICATION AND REPORTING:

1. All notifications and reports required by this permit shall be directed to:

Metropolitan St. Louis Sewer District
Department of Environmental Compliance
10 East Grand Avenue
St. Louis, Missouri 63147-2913

2. Emergency notifications may be made 24 hours a day by calling the Metropolitan St. Louis Sewer District dispatcher at 768-6260.

3. During normal business hours, notifications may be made by calling the Department of Environmental Compliance at 436-8710.

SECTION II - SPECIAL CONDITIONS:

A. SPECIAL MONITORING & REPORTING REQUIREMENTS

1. For billing purposes, the permittee shall submit monthly reports of the volume of leachate discharged through sample point **001**. These reports shall be sent to Shirley Gault, MSD Finance Department, 2000 Hampton Ave, St. Louis, MO 63139, within 15 days of the end of each month. Copies of the monthly leachate volume reports shall also be included with the routine quarterly monitoring reports required pursuant to General Condition I.A.

THIS IS THE LAST PAGE OF THIS PERMIT

FOR MSD USE ONLY		
ACCOUNT NUMBER: 05115598-02	CATEGORY: 1 2 3 (4) 5 6 (9)	
TA: MO TS: FORCE MAIN	Reviewer's Initials	12-27-93 Date

METROPOLITAN ST. LOUIS SEWER DISTRICT
DEPARTMENT OF ENVIRONMENTAL COMPLIANCE
INDUSTRIAL USER QUESTIONNAIRE

Note to Signing Official: In accordance with Title 40 of the Code of Federal Regulations Part 403 Section 403.14, information and data provided in this questionnaire which identifies the nature and frequency of discharge shall be available to the public without restriction. Requests for confidential treatment of other information shall be governed by procedures specified in 40 CFR Part 2. Should a discharge permit be required for your facility, the information in this questionnaire will be used to issue the permit.

SECTION A - GENERAL INFORMATION

1. Company Name: Laidlaw Waste Systems (Bridgeton), Inc.
2. Mailing Address: 13570 St. Charles Rock Road
   Bridgeton, Missouri Zip Code 63044
3. Premise Address: 13570 St. Charles Rock Road
   Bridgeton, Missouri Zip Code 63044
4. Person Authorized to Sign Reporting Documents:
   Name and Title: Mr. Larry Giroux, Sr. Divisional General Manager
   Tel. No. (314) 739-1919
5. Check one: [X] Existing Discharge
   [ ] Proposed Discharge If proposed, indicate the discharge start date: _____
6. Shift Information:
   a. Number of shifts per work day: 1 and work days per week: 5.5
   b. Average number of employees per shift: 1st 19 2nd _____ 3rd _____ Total: 19
   c. Shift start times: 1st 3 A.M. 2nd _____ 3rd _____

SECTION B - PRODUCT OR SERVICE INFORMATION

1. Briefly describe the primary manufacturing or service activities at the premise address and list the applicable SIC number for each activity:

	PRIMARY ACTIVITIES	SIC NUMBER
a.	Solid Waste Sanitary Landfill	4953
b.		
c.		
d.		

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Company Name: Laidlaw Waste Systems, (Bridgeton), Inc
Premise Address: 13570 St. Charles Rock Road
Account Number: 05115598-02

SECTION B - PRODUCT OR SERVICE INFORMATION (Cont'd)

2. Are primary activities generally batch or continuous processes? [] batch [] continuous
3. Principal raw materials used: N/A
4. Principal products produced: N/A
5. Check all activities which are conducted at your premise in addition to the primary activities described in B.1. Indicate the SIC number, if known. Do not check activities which are already included in B.1.

	SIC NO.		SIC NO.
[] Adhesive & Sealants Mfg.		[] Mineral Mining & Processing	
[] Aluminum Forming		[] Nonferrous Metals Forming	
[] Asbestos Mfg.		[] Nonferrous Metals Mfg	
[] Battery Mfg.		[] Organic Chem., Plastics & Synthetic Fibers Mfg	
[] Builder's Paper and Roofing Felt Mfg.		[] Paint Formulating	
[] Carbon Black Mfg.		[] Painting, Finishing or Paint Stripping	
[] Cement Mfg.		[] Parts Washing	
[] Coil Coating		[] Paving and Roofing Materials	
[] Copper Forming		[] Pesticide Chem., Mfg., Formulating, Packaging	
[] Dairy Products Processing		[] Petroleum Refining	
[] Drum Reconditioning		[] Pharmaceutical Mfg	
[] Electrical and Electronic Components		[] Phosphate Mfg	
[] Electroplating		[] Photographic Processing	
[] Explosives Mfg.		[] Plastic Molding and Forming	
[] Feedlots		[] Porcelain Enameling	
[] Ferroalloy Mfg.		[] Printing & Publishing	
[] Fertilizer Mfg.		[] Pulp, Paper & Paperboard Mfg	
[] Food Preparation		[] Q. C. Laboratory	
[] Fruits and Vegetable Processing		[] R. & D. Laboratory	
[] General Offices		[] Radioactive Materials Processing	
[] Glass Mfg.		[] Repair Shop, Garage	
[] Grain Milling		[] Rubber & Rubber Prod. Mfg.	
[] Gum & Wood Chemical Mfg.		[] Seafood Processing	
[] Hazardous Waste Treatment, Storage or Disposal		[] Soap and Detergent Mfg.	
[] Health Care & Hospital		[] Solvent Recycling	
[] Industrial Laundry		[] Steam Electric Power Generation	
[] Ink Formulating		[] Sugar Processing	
[] Inorganic Chemicals Mfg.		[] Textile Mills	
[] Iron and Steel Mfg.		[] Timber Products Mfg.	
[] Leather Tanning and Finishing		[] Transportation Equipment Cleaning	
[] Machine Shop		[] Transportation Services	
[] Machinery Mfg. or Rebuilding		[] Used Oil Reclamation	
[] Meat Processing		[] Vehicle/equipment Washing	
[] Metal Finishing		[] Warehousing	
[] Metal Molding and Casting		[] Waste Recycling	
		[] Others	

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6. Are your processes subject to seasonal variation? [] Yes [] No
If "Yes," explain and indicate the month(s) of peak activity.

Company Name: Lai[redacted]w Waste Systems (Bridgeton), Inc.
Premise Address: 13570 St. Charles Rock Road
Account Number: 05115598-02

SECTION C - WATER CONSUMPTION AND WASTEWATER DISCHARGES

1. Raw Water Source(s):
   - [ ] City of St. Louis Water Div.
   - [x] St. Louis Co. Water Co.
   - [ ] Other Municipal Source: _____
   - [ ] Hauled by Contractor
   - [ ] Surface Water
   - [ ] Private Well
   - [ ] Other (describe) _____

2. Water Bill Addressee: Westlake

3. Water Service Account Numbers: _____

4. List past twelve months water usage from: [ ] Water Bill [ ] Other Sources

a. 1st quarter	____19__	through	____19__	____Ccf	____Ccf
b. 2nd quarter	____19__	through	____19__	____Ccf	____Ccf
c. 3rd quarter	____19__	through	____19__	____Ccf	____Ccf
d. 4th quarter	____19__	through	____19__	____Ccf	____Ccf

5. Describe any treatment or conditioning process performed on the raw water before use: _____

6. List water uses within your facility:

Type of Usage	Estimated Avg Usage (Gallons Per Day)	Type of Usage	Estimated Avg Usage (Gallons Per Day)
a. Sanitary	475	e. Process	
b. ~~Irrigation & Lawn Watering~~ Dust Control	18,000	f. Plant and equip. washdown	
c. Non-contact cooling water		g. Boiler Feed	
d. Contact cooling water		h. Other: Leachate	223,000
		i. Total a through h:	241,475

7. List water losses and wastewater discharges from your facility:

Type of Discharge	Estimated Avg Discharge (Gallons Per Day)	Type of Discharge	Estimated Avg Discharge (Gallons Per Day)
a. Municipal Sewer	223,475	d. Evaporation	18,000
b. Watercourse, storm drain, ground		e. Contained in product	
c. Haulers		f. Total a through e:	241,475

Total at 7f must equal total at 6i.

8. List average water usage and average wastewater discharge for each activity listed in Section B.1 and B.5. Attach additional sheets if needed.

Item No.	Activity	Type of Discharge Cont.	Type of Discharge Batch	Avg Use (GPD)	Avg Discharge (GPD)	Date When Discharge First Commenced (if known)
1	Sanitary	[ ]	X [ ]	475	475	Unknown
2	Road Watering	[ ]	N/A [ ]	18,000	0	Unknown
3	Leachate Removal	X	[ ]	0	223,000	Unknown
		[ ]	[ ]			
		[ ]	[ ]			

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Company Name: Lai[illegible]w Waste Systems(Bridgeton). Inc.
Premise Address: 13570 St. Charles Rock Road
Account Number: 05115598-02

SECTION D - SEWER CONNECTION INFORMATION

1. Attach a scale drawing of your premise which shows:
   a. All buildings, alleys, streets and other pertinent structures;
   b. All sewers and drains, including all connections, inlets, manholes, vents and other access or control structures. Identify each sewer as sanitary, storm or combined and indicate its size.
   c. Identify a sampling point for each connection to the public sewer.
   d. Identify a sampling point for each discharge from a federally regulated categorical process.
   e. Identify a sampling point for each discharge to a separate storm sewer or water course.
2. List each sampling point identified in D.1 c, d, and e above. Also include each connection for which there is no sampling point. Assign a sequential reference number to each point, starting with No. 1. Attach additional sheets, if necessary.

Reference Number	Sewer Size (inch)	Description of sewer sampling point or connection	Total Average Flow (GPD)
1	4"	MH 120' N of Old St. Charles Rock Road	223,475
2			
3			
4			
5			

SECTION E - WASTEWATER INFORMATION

1. If you listed water usage quantities only for items 6a through c, in Section C.6, you may skip this section. Otherwise, you must complete this section for all water usage listed in Section C.6. Attach additional sheets if necessary.

	Type Wastewater	Discharge Quantity (GPD) for each sampling point or connection 1	2	3	4	5	Facility Total
a.	Sanitary	475					475
b.	~~Irrigation & Lawn Watering~~ Dust Control	18,000					18,000
c.	Non-Contact Cooling Water						
d.	Contact Cooling Water						
e.	Process (From C.8)						
	Leachate Removal	223,[illegible]					223,000
f.	Plant & Equip. Washdown						
g.	Boiler Blowdown						
h.	Other ( )						
	Regeneration Waste (C.5)						
	Total (Same as D.2)	223,475					223,475

2. If any of the above points discharge to a watercourse or a separate storm sewer, complete the following:

	1	2	3	4	5
NPDES Outfall Number	N/A				
NPDES Permit Number	N/A				

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3. Do any of the above points also convey stormwater from your premise ?

1	2	3	4	5
☐ Yes ☒ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No

4. Do you pretreat any of the wastes discharged through any of the above points?

1	2	3	4	5
☒ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No

Company Name: Laidlaw Waste Systems, Inc. (Bridgeton
Premise Address: 13570 St. Charles Rock Road
Account Number: 05115598-02

SECTION E - WASTEWATER INFORMATION (Cont'd)

5. Describe the type of wastewater pretreatment you employ prior to each point for which you marked "Yes" in D.4:

Point No.	Pretreatment System Description
001	Aeration Lagoon

6. Does your facility have:

a. A spill control plan? [X] Yes [ ] No
b. A waste minimization plan? [ ] Yes [X] No
c. A solvent management plan? [ ] Yes [X] No
d. A slug discharge plan? [ ] Yes [X] No.

7. If any wastewater analysis has been performed on the wastewater discharges from your facility attach a copy of the most recent data. Be sure to specify the locations from which the samples were collected. Attach sketches, plans, drawings, etc. as necessary.

8. Priority Pollutant Information: Check the appropriate box by each listed chemical whether it is "Suspected Absent", "Known Absent", "Suspected Present", or "Known Present" on your premise, used in your manufacturing or service activity or generated as a by-product. Some pollutants are known by other names. Refer to the instruction booklet for those pollutants which have an asterisk (*).

SA = "Suspected Absent" KA = "Known Absent" SP = "Suspected Present" KP = "Known Present"

ITEM NO.	PRIORITY POLLUTANT	SA	KA	SP	KP
1.	asbestos (fibrous)	[ ]	[ ]	[ ]	[X]
2.	cyanide (total)	[ ]	[ ]	[X]	[ ]
3.	antimony (total)	[ ]	[ ]	[X]	[ ]
4.	arsenic (total)	[ ]	[ ]	[X]	[ ]
5.	beryllium (total)	[ ]	[ ]	[X]	[ ]
6.	cadmium (total)	[ ]	[ ]	[ ]	[X]
7.	chromium (total)	[ ]	[ ]	[ ]	[X]
8.	copper (total)	[ ]	[ ]	[ ]	[X]
9.	lead (total)	[ ]	[ ]	[ ]	[X]
10.	mercury (total)	[ ]	[ ]	[X]	[ ]
11.	nickel (total)	[ ]	[ ]	[ ]	[X]
12.	selenium (total)	[ ]	[ ]	[X]	[ ]
13.	silver (total	[ ]	[ ]	[X]	[ ]
14.	thallium (total)	[ ]	[ ]	[X]	[ ]
15.	zinc (total)	[ ]	[ ]	[ ]	[X]
16.	acenaphthene	[X]	[ ]	[ ]	[ ]
17.	acenaphthylene	[X]	[ ]	[ ]	[ ]
18.	acrolein	[X]	[X]	[ ]	[ ]
19.	acrylonitrile	[X]	[ ]	[ ]	[ ]
20.	aldrin	[X]	[ ]	[ ]	[ ]
21.	anthracene	[X]	[ ]	[ ]	[ ]
22.	benzene	[ ]	[ ]	[X]	[ ]
23.	benzidine	[X]	[X]	[ ]	[ ]
24.	benzo (a) anthracene*	[X]	[ ]	[ ]	[ ]
25.	benzo (a) pyrene	[X]	[ ]	[ ]	[ ]
26.	benzo (b) fluoranthene	[X]	[ ]	[ ]	[ ]
27.	benzo (g,h,i) perylene*	[X]	[ ]	[ ]	[ ]
28.	benzo (k) fluoranthene*	[X]	[ ]	[ ]	[ ]
29.	alpha-BHC	[X]	[ ]	[ ]	[ ]
30.	beta-BHC	[X]	[ ]	[ ]	[ ]
31.	delta-BHC	[X]	[ ]	[ ]	[ ]
32.	gamma-BHC*	[X]	[ ]	[ ]	[ ]
33.	bis (2-chloroethyl) ether*	[X]	[ ]	[ ]	[ ]
34.	bis (2-chloroethoxy) methane*	[X]	[ ]	[ ]	[ ]
35.	bis (2-chloroisopropyl) ether*	[X]	[ ]	[ ]	[ ]
36.	Reserved	[ ]	[ ]	[ ]	[ ]
37.	bis (2-ethylhexyl) phthalate	[X]	[ ]	[ ]	[ ]
38.	bromodichloromethane*	[X]	[ ]	[ ]	[ ]
39.	bromoform*	[X]	[ ]	[ ]	[ ]
40.	bromomethane*	[X]	[ ]	[ ]	[ ]
41.	4-bromophenylphenyl ether	[X]	[ ]	[ ]	[ ]
42.	butylbenzyl phthalate	[X]	[ ]	[ ]	[ ]
43.	carbon tetrachloride*	[X]	[ ]	[ ]	[ ]
44.	chlordane	[X]	[ ]	[ ]	[ ]
45.	4-chloro-3-methylphenol*	[X]	[ ]	[ ]	[ ]
46.	chlorobenzene	[ ]	[ ]	[X]	[ ]
47.	chlorethane*	[ ]	[ ]	[X]	[ ]
48.	2-chloroethylvinyl ether	[X]	[ ]	[ ]	[ ]
49.	chloroform*	[X]	[ ]	[ ]	[ ]
50.	chloromethane*	[X]	[ ]	[ ]	[ ]
51.	2-chloronaphthalene	[X]	[ ]	[ ]	[ ]
52.	2-chlorophenol*	[X]	[ ]	[ ]	[ ]
53.	4-chlorophenylphenyl ether	[X]	[ ]	[ ]	[ ]
54.	chrysene*	[X]	[ ]	[ ]	[ ]
55.	4,4'-DDD*	[X]	[ ]	[ ]	[ ]
56.	4,4'-DDE*	[X]	[ ]	[ ]	[ ]
57.	4,4'-DDT*	[X]	[ ]	[ ]	[ ]
58.	dibenzo (a,h) anthracene*	[X]	[ ]	[ ]	[ ]
59.	dibromochloromethane*	[X]	[ ]	[ ]	[ ]
60.	1,2-dichlorobenzene*	[X]	[ ]	[ ]	[ ]
61.	1,3-dichlorobenzene*	[X]	[ ]	[ ]	[ ]
62.	1,4-dichlorobenzene*	[X]	[ ]	[ ]	[ ]
63.	3,3'-dichlorobenzidine	[X]	[ ]	[ ]	[ ]
64.	Reserved	[ ]	[ ]	[ ]	[ ]
65.	1,1-dichloroethane*	[X]	[ ]	[ ]	[ ]
66.	1,2-dichloroethane*	[X]	[ ]	[ ]	[ ]
67.	1,1-dichloroethene*	[ ]	[ ]	[ ]	[ ]
68.	trans-1,2-dichloroethene*	[ ]	[ ]	[X]	[ ]
69.	2,4-dichlorophenol	[X]	[ ]	[ ]	[ ]
70.	1,2-dichloropropane*	[X]	[ ]	[ ]	[ ]
71.	(cis & trans) 1,3-dichloropropene*	[X]	[ ]	[ ]	[ ]
72.	dieldrin	[X]	[ ]	[ ]	[ ]
73.	diethyl phthalate*	[X]	[ ]	[ ]	[ ]
74.	2,4-dimethylphenol*	[X]	[ ]	[ ]	[ ]
75.	dimethyl phthalate	[X]	[ ]	[ ]	[ ]
76.	di-n-butyl phthalate	[X]	[ ]	[ ]	[ ]

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Continued on Page 6

(Bridgeton)
Company Name: Laidlaw Waste Systems,/Inc.
Premise Address: 13570 St. Charles Rock Road
Account Number: 05115598-02

SECTION E - WASTEWATER INFORMATION (Cont'd)

Priority Pollutant Information (Cont'd)

SA = "Suspected Absent" KA = "Known Absent" SP = "Suspected Present" KP = "Known Present"

ITEM NO.	PRIORITY POLLUTANT	SA	KA	SP	KP
77.	di-n-octyl phthalate*	X			
78.	4,6-dinitro-2-methylphenol*	X			
79.	2,4-dinitrophenol	X			
80.	2,4-dinitrotoluene	X			
81.	2,6-dinitrotoluene	X			
82.	1,2-diphenylhydrazine*	X			
83.	endosulfan I*	X			
84.	endosulfan II*	X			
85.	endosulfan sulfate	X			
86.	endrin	X			
87.	endrin aldehyde	X			
88.	ethylbenzene			X	
89.	fluoranthene	X			
90.	fluorene*	X			
91.	heptachlor	X			
92.	heptachlor epoxide	X			
93.	hexachlorobenzene*	X			
94.	hexachlorobutadiene	X			
95.	hexachlorocyclopentadiene*	X			
96.	hexachloroethane*	X			
97.	indeno (1,2,3-cd) pyrene*	X			
98.	isophorone*	X			
99.	methylene chloride*			X	
100.	naphthalene	X			
101.	nitrobenzene	X			
102.	2-nitrophenol	X			
103.	4-nitrophenol*	X			
104.	N-nitrosodimethylamine*	X			
105.	N-nitrosodi-n-propylamine*	X			
106.	N-nitrosodiphenylamine	X			
107.	PCB-1016*	X			
108.	PCB-1221*	X			
109.	PCB-1232	X			
110.	PCB-1242*	X			
111.	PCB-1248*			X	
112.	PCB-1254*	X			
113.	PCB-1260*			X	
114.	pentachlorophenol	X			
115.	phenanthrene	X			
116.	phenol			X	
117.	pyrene	X			
118.	2,3,7,8-tetrachlorodibenzo-p-dioxin*	X			
119.	1,1,2,2-tetrachloroethane*	X			
120.	tetrachloroethene*	X			
121.	toluene*			X	
122.	toxaphene	X			
123.	1,2,4-trichlorobenzene	X			
124.	1,1,1-trichloroethane*	X			
125.	1,1,2-trichloroethane*	X			
126.	trichloroethene*			X	
127.	Reserved	X			
128.	2,4,6-trichlorophenol	X			
129.	vinyl chloride	X			

9. For priority pollutants in E.8 which are indicated "Known Present," list and provide the following data for each: (attach additional sheets if needed.)

ITEM NO.	PRIORITY POLLUTANT	ANNUAL USAGE (LBS)	LOSS TO SEWER (LBS/YEAR)
6	Cadmium (0.006 mg/l)	0	4.08
7	Cadmium (0.014 mg/l)	00	9.51
8	Copper (0.008 mg/l)	0	5.43
9	Lead (0.005 mg/l)	0	3.40
11	Nickel (0.06 mg/l)	0	40.76
15	Zinc (0.048 mg/l)	0	32.61

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Company Name: Laidlaw Waste Systems (Bridgeton), Inc.
Premise Address: 13570 St. Charles Rock Road
Account Number: 05115598-02

SECTION F - NON-SEWERED WASTES

1. Do you generate any liquid wastes or sludges which are not disposed in the sewer system? ▯ Yes ▯ No
If "Yes" complete items 2 and 3 below. If "No," skip remainder of this section. Note: Be sure to include wastewaters listed in Section C.7c.

2. Information on non-sewered waste:

Type of Waste	Estimated Quantity Disposed/yr	Units	Store on-site	Dispose on-site	Dispose off-site
▯ Acids and/or Alkalies			▯	▯	▯
▯ Equip. Oils and/or Grease			▯	▯	▯
▯ Infectious Waste			▯	▯	▯
▯ Inks/Dyes			▯	▯	▯
▯ Kitchen/Food Service Grease			▯	▯	▯
▯ Organic Compounds			▯	▯	▯
▯ Paints or Paint Sludes			▯	▯	▯
▯ Pesticides			▯	▯	▯
▯ Pretreatment Sludges			▯	▯	▯
▯ Radioactive Waste			▯	▯	▯
▯ Solvents/Thinners			▯	▯	▯
▯ Other _____			▯	▯	▯
			▯	▯	▯
			▯	▯	▯

3. List your USEPA and/or MDNR Hazardous Waste Generator numbers:
USEPA MOD079900932 MDNR N/A

SECTION G - INDUSTRIAL WASTE SURCHARGE INFORMATION

1. The following analytical information is required for each sampling point or each connection to the public sewer (see D.1.c), only if your water usage exceeds 80 Ccf per month. Representative samples of the wastewaters in each sewer must be collected and analyzed for the listed parameters. Concentrations are to be reported in mg/l (ppm).

Sewer Number (Refer to Section D.2)
(If more than 5 connections, attach additional sheets)

Daily Average Concentration For Each Sampling Point or Connection

Parameter (mg/l)	1	2	3	4	5
Total Solids					
Total Suspended Solids	26				
Biochemical Oxygen Demand5	14				
Chemical Oxygen Demand	197				
Flow (gpd)	223,300				

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(Bridgeton)
Company Name: Laidlaw Waste Systems, Inc.
Premise Address: 13570 St. Charles Rock Road
Account Number: 05115598-02

SECTION G - INDUSTRIAL WASTE (Cont'd)

2. Sample handling information: Organization Name and Address

a. Samples collected by: Environmental Analysis, Inc.

b. Samples analyzed by: same

SECTION H - CERTIFICATION AND SIGNATURE

1. The following individual may be contacted regarding the information contained in this questionnaire:

Name and title of contact person: Mr. Dennis Wike, Environmental Manager

Tel No. (618) 656-6912

2. "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."

Name and title of signing official: Mr. Larry Giroux, Sr. Division General Manager

Tel No. (314) 739-1919

Signature [signature] Date 9-30-93

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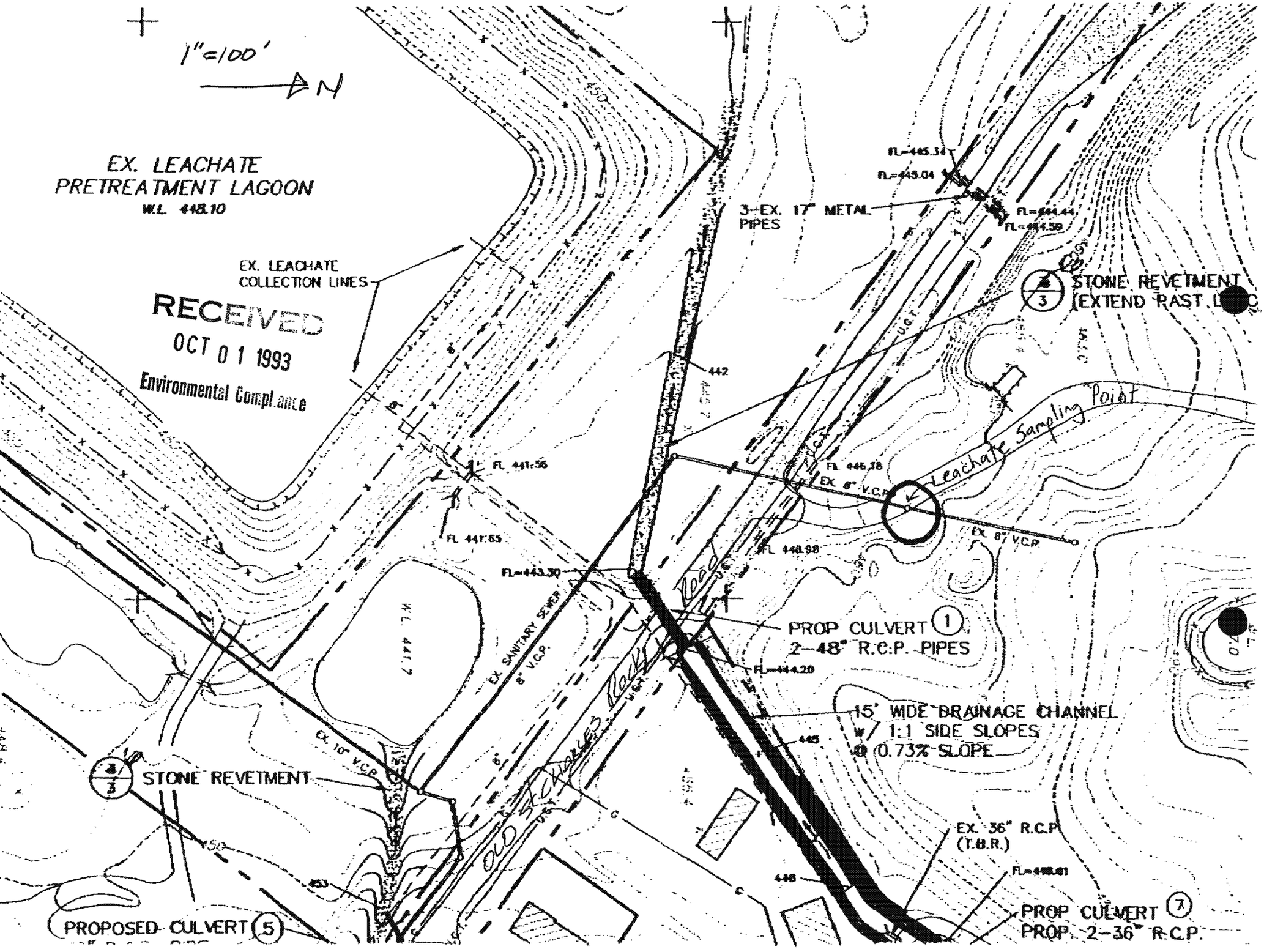
1"=100'
N
EX. LEACHATE PRETREATMENT LAGOON
W.L. 448.10
EX. LEACHATE COLLECTION LINES
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3-EX. 17" METAL PIPES
FL=445.34
FL=445.04
FL=444.44
FL=444.59
STONE REVETMENT (EXTEND PAST L.O.C.)
Leachate Sampling Point
FL 446.18
EX. 8" V.C.P.
FL 448.98
FL 441.56
FL 441.65
FL=443.30
W.L. 441.7
EX. SANITARY SEWER
8" V.C.P.
PROP CULVERT 1
2-48" R.C.P. PIPES
FL=444.20
15' WIDE DRAINAGE CHANNEL
W/ 1:1 SIDE SLOPES
@ 0.73% SLOPE
STONE REVETMENT
EX. 10" V.C.P.
Old Stockade Road
EX. 36" R.C.P. (T.B.R.)
FL=448.61
PROP CULVERT 7
PROP. 2-36" R.C.P.
PROPOSED CULVERT 5

MSD 022592

Environmental Analysis, Inc.
3278 North Hwy. 67 • Florissant, MO 63033 • 314-921-4488

Mr. Glenn Obryan
LAIDLAW WASTE SYSTEMS
Bridgeton Landfill
13570 St. Charles Rock Road
Bridgeton, MO 63044

PAGE NO.: 1
REPORT NO.: 55496
DATE : 05/13/93
P.O. NO.: 606312

REPORT OF ANALYSIS

SUBJECT: Analysis of water and/or wastewater samples in accordance with Standard Methods for the Examination of Water and Wastewater, 17th Edition, 1989; where applicable.

Quarterly sampling and analysis of treated leachate for MSD compliance, and measurement of liquid levels in accordance with St. Louis County requirements.

LOG NUMBER	SAMPLE DESCRIPTION	RESULTS OF ANALYSIS	UNITS OF MEASURE	METHOD NUMBER	NOTE
1509710	MSD 001 Grab 4/29/93 c				
	Field measurement of sample pH	7.38	pH Units	4500-H+	
	Field measure of temperature	18.9	deg. C	2550B	
	Oil & Grease	10.0	mg/l	5520 B	
1509711	MSD 001 Comp 4/28-29/93 c				
	Total Metals Prep/GTF AA	04/30/93		3030E	
	Total Metals Prep/Microwave	05/05/93			
	B.O.D. (5-day)	< 14	mg/l	5210 B	(1)
	Cadmium	< 0.006	mg Cd/l	3111 B	
	C.O.D.	197	mg/l		
	Chromium	0.014	mg Cr/l	3111 B	
	Copper	0.008	mg Cu/l	3111 B	
	Iron	2.78	mg Fe/l	3111 B	
	Flow Estimate	288000	gpd		
	Ammonia Nitrogen	92.5	mg N/l	4500-NH3 G	
	Nickel	< 0.06	mg Ni/l	3111 B	
	Lead	< 0.005	mg Pb/l	3113 B	
	Suspended Solids	26	mg/l	2540 D	
	Zinc	0.048	mg Zn/l	3111 B	
1509712	Sampling Charges				
	Technician Charges	6	man-hr		

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Metropolitan
St. Louis Sewer
District

Department of Environmental Compliance
10 East Grand Avenue
St. Louis, MO 63147-2913
(314) 436-8710
FAX (314) 436-8753

August 4, 1992

Harry Kirous
~~Randy Anderson~~
Division Manager
LAIDLAW WASTE SYSTEMS, INC.
13570 St. Charles Rock Rd
Bridgeton, MO 63044

Re: Discharge Permit No: 05115598-02
For premise at: 13570 St. Charles Rock Rd
Bridgeton, MO 63044

Dear Mr. Anderson:

Enclosed is the Metropolitan St. Louis Sewer District Industrial Wastewater Discharge Permit for the premise identified above. This permit is issued pursuant to the federal pretreatment regulations in 40 CFR 403 as amended July 24, 1990. This permit has been prepared based on information that you supplied in the District's Industrial User Questionnaire, on results from previous wastewater samplings and inspections and on requirements contained in existing MSD ordinances and state and federal regulations.

Monitoring reports required by the conditions of this permit must be submitted on a periodic basis. Copies of the necessary report forms are being prepared and will be sent to you.

If you disagree with any of the terms or conditions of this permit please inform us, in writing, within 15 working days of receipt. Absence of a response within this time frame will be deemed acceptance, by you, of the provisions of this permit.

You may contact us at 436-8755 at any time if you have any question about your permit.

Sincerely,
METROPOLITAN ST. LOUIS SEWER DISTRICT

Mark Montagus
Mark Montague
Associate Engineer

ldl

METROPOLITAN ST. LOUIS SEWER DISTRICT
DEPARTMENT OF ENVIRONMENTAL COMPLIANCE
INDUSTRIAL WASTEWATER DISCHARGE PERMIT

PERMIT NO: **05115598-02**

EFFECTIVE DATE: **AUGUST 05, 1992**
EXPIRATION DATE: **MARCH 31, 1994**

ISSUED TO: **LAIDLAW WASTE SYSTEMS, INC.**
13570 ST. CHARLES ROCK ROAD
BRIDGETON, MO 63044

SIC NUMBER(S): **4953**

TOTAL NUMBER OF PERMITTED DISCHARGE POINTS: **ONE**
SAMPLING PT. REF. NUMBER(S): **001**

In accordance with the provisions of the Federal Pretreatment Regulations (40 CFR 403) and Metropolitan St. Louis Sewer District Ordinance No. 8472, the permittee is hereby authorized to discharge wastewater into the Metropolitan St. Louis Sewer District's sanitary or combined sewer system. All discharges so authorized shall be limited and controlled pursuant to the terms and conditions of this permit.

Noncompliance with any term or condition of this permit shall constitute an ordinance violation. If formal enforcement action is required to gain compliance, the permittee who is found guilty of a violation shall be subject to fine or imprisonment, or both such fine and imprisonment, for each violation. Each day in which any such violation shall continue shall be deemed a separate offense.

Compliance with the terms and conditions of this permit does not relieve the permittee of the obligation to comply with all other applicable pretreatment regulations, standards, or requirements under local, State and Federal laws, including any such regulation, standard, legal requirement, or law that may become effective during the life of this permit.

This permit only authorizes wastewater discharges identified herein. It does not apply to any other discharge.

METROPOLITAN ST. LOUIS SEWER DISTRICT

Bob Zeman
Industrial Waste Engineer

John R. Lodderhose, P.E.
Manager Environmental Compliance

DISCHARGE LIMITATIONS

SAMPLING POINT REFERENCE NUMBER: **001**

SAMPLING POINT LOCATION: **MH 120'N OF OLD ST CHARLES ROCK ROAD**

AVERAGE WASTEWATER FLOW (GPD): **141,684**

WASTEWATER SOURCE AND CATEGORY: **LEACHATE FROM LANDFILL**

POLLUTANT DISCHARGE LIMITS
(mg/l unless otherwise specified)

Parameter	Limit *	Limit Type **	Sampling Frequency
Flow (GPD)	***	Daily Avg	***
Biochemical Oxygen Demand	300	Daily Avg	once/3 mo
Chemical Oxygen Demand	600	Daily Avg	once/3 mo
Oil and Grease (Total)	200	Instant	once/3 mo
pH Acidic (s.u.) Less than 7	5.5	Instant	once/3 mo
pH Basic (s.u.) Greater than or equal to 7	11.5	Instant	once/3 mo
Temperature (Degrees C)	60	Instant	once/3 mo
Total Suspended Solids	350	Daily Avg	once/3 mo
Ammonia (as N)	****	Daily Avg	once/3 mo
Iron	25	Daily Avg	once/3 mo
Cadmium (Total)	.4	Daily Avg	once/3 mo
Chromium (Total)	5	Daily Avg	once/3 mo
Copper (Total)	1.5	Daily Avg	once/3 mo
Lead (Total)	.2	Daily Avg	once/3 mo
Nickel (Total)	1	Daily Avg	once/3 mo
Zinc (Total)	3	Daily Avg	once/3 mo
Total Toxic Organics	5.52	Instant	once/yr

* Limits are based on MSD Ordinance 8472 and applicable federal categorical standards. See Section II of the permit conditions for explanation of any adjustments to the published limits made pursuant to Article V, Section 2.A of the Ordinance.

** See Section I.A.2 of the permit conditions.

*** Report a measured totalized flow for each quarterly reporting period.

**** Monitoring Requirement Only

PERMIT CONDITIONS

SECTION I - GENERAL CONDITIONS:

A. MONITORING AND REPORTING REQUIREMENTS:

1. From the effective date of this permit, the permittee shall self-monitor the discharge at each of the identified sampling points at the frequency specified in this permit. The permittee shall submit self-monitoring reports to the District's Department of Environmental Compliance identifying the concentrations of regulated substances in each of these discharges. Each report shall also include a record of all measured or estimated average daily flows during the reporting period.

2. The pollutants to be monitored are specified individually for each sampling point. The limitation, limitation type and monitoring frequency are given for each pollutant. The limitation types are defined as follows:

An INSTANT limitation is the maximum allowable concentration of the pollutant in a grab sample for all pollutants except pH and temperature. For pH the INSTANT limitation is the minimum or maximum allowable instantaneous pH value reported in standard units. For temperature, the INSTANT limitation is the maximum allowable instantaneous temperature reported in degrees C.

A DAILY AVG limitation is the maximum allowable concentration of the pollutant in a composite sample collected within a 24 hour period.

A DAILY MAX limitation is the maximum allowable concentration of the pollutant in any sample collected within a 24 hour period.

A MONTHLY AVG limitation is the maximum allowable average concentration of the pollutant determined by calculating the arithmetic average of the concentrations found in all daily samples collected within a calendar month. The concentrations of all daily samples analyzed using the methods specified in this permit must be included in the calculation.

A 4-DAY AVG limitation is the maximum allowable average concentration of the pollutant determined by calculating the arithmetic average of the concentrations found in the daily samples collected on four consecutive <u>sampling</u> days. The sampling days are not necessarily consecutive calendar days.

A daily sample is <u>any</u> sample collected within a 24 hour period.

3. Exceedances of the limitations for Biochemical Oxygen Demand (BOD), Chemical Oxygen Demand (COD), and Total Suspended Solids (TSS), do not constitute violations of this permit. However, the values reported will be used by the District to assess the applicability of surcharges under the provisions of the District's Sewer Service Charge Ordinances. The limitations listed represent the concentrations of these pollutants found in normal wastewater as defined in the ordinances, except, if the permittee is currently subject to sewer service surcharges, the limitations listed are the concentrations being used for billing purposes. These values will be used until replaced by updated certified data in accordance with the procedures in the ordinances.

4. Unless specified elsewhere in this permit and except for the pollutants listed at the end of this paragraph, all samples collected to satisfy the monitoring and reporting requirements of this permit shall be composite samples made up by combining individual grab samples collected within a 24 hour period. In no case may a composite sample be made from fewer than four grab samples. In all cases the individual grab samples must be adequately spaced so as to ensure a sample that is representative of the permittee's normal operations. Grab samples shall be collected for oil and grease, total phenol, cyanide, sulfide and volatile organics if required. Temperature and pH shall be measured at the point of discharge and the measurements recorded as instantaneous values.

5. When monitoring is required for Total Toxic Organics (TTO), TTO shall be determined by summing all quantifiable values greater than .01 mg/l for the applicable toxic organics listed in 40 CFR 401.15. For discharges subject to categorical pretreatment standards, the applicable toxic organics are listed in the standard. For all other discharges the organics to be included in the TTO are all of those which are or may be present in the discharge.

6. Sampling of all discharges shall be conducted in such a manner as to ensure that the results of individual samples (whether grab or composite) are representative of normal operations and that the results of all samples during the reporting period are representative of the conditions during the reporting period.

7. All sampling and analyses performed to satisfy the monitoring and reporting requirements of this permit shall be performed in accordance with the techniques prescribed in 40 CFR 136 and amendments thereto unless other techniques are prescribed for specific parameters.

8. If the permittee monitors any of the listed pollutants using the methods specified in this permit, more often than required by this permit, the results of all such additional monitoring and any additional flow measurements shall be included in the self-monitoring reports.

9. All self-monitoring reports shall be certified and signed in accordance with the provisions of District Ordinance 8472, Article X, Section Three. The signed reports shall be submitted every three months (Quarterly) to the District's Department of Environmental Compliance. Each report shall be postmarked no later than the 28th day of the month following the end of the reporting period. The first report is due on **January 28, 1993.**

10. If any sampling performed by the permittee using the methods specified in this permit indicates a violation of any permit limitation, the permittee shall notify the District's Department of Environmental Compliance within one business day of becoming aware of the violation. The permittee shall resample the discharge and shall submit the results of the resampling within thirty (30) days of becoming aware of the violation.

B. CHANGE IN DISCHARGE:

1. The permittee shall not significantly increase the average daily volume, or flow rate of discharge or add any significant new pollutants or significantly increase the discharge of existing pollutants set forth in this permit without first having secured an amendment to the permit unless the permit conditions authorize such increase or additions without an amendment.

2. The permittee shall notify the District's Department of Environmental Compliance of any proposed significant new or increased discharge. The permittee shall make the notification at least ten (10) business days prior to the date of the planned increase or addition.

3. As defined in District Ordinance 8472, Article II, significant new or increased discharge means:

a. Any discharge from a new process or facility or a new source.

b. Any increase in volume or rate of discharge from an existing process or facility when the new long term average daily volume or rate of discharge will exceed the previous long term average by 20% or more.

c. Any addition of a priority pollutant or toxic pollutant not previously present or suspected present in the permittee's discharge.

d. Any addition of a hazardous waste subject to, but not previously reported under the reporting requirements in District Ordinance 8472, Article VIII, Section Nine.

e. Any increase in mass of an existing regulated pollutant when the new long term average daily mass discharge of that pollutant will exceed the previous long term average by 20% or more.

f. Any addition of a new pollutant or any increase in mass of an existing pollutant when the discharge of such pollutant may cause or contribute to interference or pass-through as these terms are defined in District Ordinance 8472, Article II.

g. Any new batch discharges when previous discharges from an existing source at the permitted facility occurred on a continuous basis.

C. PROBLEM DISCHARGE:

1. Problem discharge means any upset, slug discharge, bypass, spill or accident which does or may result in a discharge into the District's system of a prohibited substance; or of a regulated substance in excess of limitations established in this permit and which may: (a) cause interference or pass through; or (b) contribute to a violation of any requirement of the District's NPDES permit; or (c) cause violation of any State or Federal water quality standard.

2. In the event of any problem discharge into the District's system, the permittee shall immediately notify the District's Department of Environmental Compliance by telephone of the incident and shall provide such information as may be required at that time in order to assess the impact of the incident on the District's system or on water quality. Within five (5) business days following any such incident, the permittee shall submit to the District's Department of Environmental Compliance a detailed written report which contains a description of the incident and its cause, location within the permittee's facility, exact dates and times of the period of problem discharge and, if not yet corrected, the anticipated time the incident is expected to continue, and steps taken or planned to correct the current incident and to reduce, eliminate and prevent occurrences of future such incidents.

D. BYPASSING PROHIBITED:

The permittee may not bypass any portion of its pretreatment facilities except when necessary to perform essential maintenance and then only if the bypass will not result in a violation of applicable pretreatment standards or requirements. Any other pretreatment facility bypass is prohibited unless:

a. The bypass is unavoidable to prevent loss of life, personal injury or severe property damage;
b. There are no feasible alternatives to the bypass; and
c. In the event of an anticipated bypass, advance notice is provided to the District's Department of Environmental Compliance.

E. PERMIT REVOCATION OR MODIFICATION:

1. This permit may be revoked after thirty (30) days notice to the permittee for cause including, but not limited to, the following causes:
a. A violation of any term or condition of this permit.
b. A misrepresentation or failure to fully disclose all relevant facts in obtaining this permit.

2. This permit may be modified after thirty (30) days notice to the permittee following promulgation of new State, Federal or local regulations to ensure compliance with the effective dates contained in any such new regulations.

F. TERMINATION OF DISCHARGE:

Whenever any discharge covered by this permit is permanently eliminated, this permit will be terminated or modified upon verification by the District's Department of Environmental Compliance.

G. PERMIT RENEWAL:

The permittee shall apply for renewal of this permit at least one hundred eighty (180) days prior to the expiration date contained herein.

H. PERMIT TRANSFER:

This permit may not be transferred or reassigned. If the premise covered by this permit is sold or otherwise transferred to a new owner, the new owner shall apply for a new permit at least ten (10) days prior to the transfer and shall abide by all of the provisions of Sewer Use Ordinance No. 8472 until the District issues a new permit or denies the application.

I. RIGHT OF ENTRY:

In order to ensure compliance with the provisions of this permit, District Ordinances and applicable State and Federal regulations, District representatives may inspect a permittee's treatment, pretreatment or discharge control facilities, or any process or any area of the permittee's premise which may be a source of any discharge or a source of any pollutants contained in any discharge into the District's wastewater system; conduct sampling of such facilities, processes or areas; and examine or copy any permittee's records related to such discharges. Any duly authorized representative of the District upon presentation of proper credentials and after execution of appropriate confidentiality agreements shall be permitted access to appropriate areas of the permittee's premises without prior notice for these purposes. A representative of the user shall, if appropriate, accompany the District representative while the work is being performed and shall assure that all applicable safety rules are being observed by the District's representative.

J. RECORDS RETENTION:

The permittee shall retain and preserve, for not less than three (3) years, all records, books, documents, memoranda, reports, sample analysis results, correspondence and any and all summaries thereof relating to the monitoring, sampling and chemical analyses of the permittee's discharge made by or on the permittee's behalf.

K. DEFINITIONS:

Unless the context specifically indicates otherwise, the meaning of terms used in this permit shall be as defined in District Ordinance 8472, Article II.

L. SEWER USE ORDINANCE:

Unless the context specifically indicates otherwise, the permittee is subject to all the conditions of District Ordinance 8472.

M. NOTIFICATION AND REPORTING:

1. All notifications and reports required by this permit shall be directed to:

Metropolitan St. Louis Sewer District
Department of Environmental Compliance
10 East Grand Avenue
St. Louis, Missouri 63147-2913

2. Emergency notifications may be made 24 hours a day by calling the Metropolitan St. Louis Sewer District dispatcher at 768-6260.

3. During normal business hours, notifications may be made by calling the Department of Environmental Compliance at 436-8710.

SECTION II - SPECIAL CONDITIONS:

1. **NONE**

needs billing amt.

Metropolitan
St. Louis Sewer
District

Department of Environmental Compliance
10 East Grand Avenue
St. Louis, MO 63147-2913
(314) 436-8710
FAX (314) 436-8753

Hold until August 1

July 16, 1992

Mr. Randy Anderson
Division Manager
LAIDLAW WASTE SYSTEMS, INC.
13570 St. Charles Rock Road
Bridgeton, MO 63044

ISSUED TO: Laidlaw Waste Systems, Inc.

RE: Proposed Discharge Permit No: 05115598-02
For premise at: 13570 St. Charles Rock Road
Bridgeton, MO 63044

Dear Mr. Anderson:

Enclosed is a draft copy of the Metropolitan St. Louis Sewer District Industrial Wastewater Discharge Permit proposed for the premise identified above. This draft has been prepared pursuant to the federal pretreatment regulations in 40 CFR 403 as amended July 24, 1990 and is based on information that you supplied in the District's Industrial User Questionnaire, on results from previous wastewater samplings and inspections and on requirements contained in existing MSD ordinances and state and federal regulations.

Please review this draft copy carefully. If you disagree with any of the terms or conditions of the proposed permit please inform us, in writing, within 10 working days of receipt. Absence of a response within this time frame will be deemed as acceptance of the draft permit and we will proceed to issue the final permit.

If you have any questions, please contact me at 436-8755.

Sincerely,
METROPOLITAN ST. LOUIS SEWER DISTRICT

Gunter H. Durdel
Gunter H. Durdel
Assistant Engineer

DRAFT

COPY

METROPOLITAN ST. LOUIS SEWER DISTRICT
DEPARTMENT OF ENVIRONMENTAL COMPLIANCE
INDUSTRIAL WASTEWATER DISCHARGE PERMIT

PERMIT NO: **05115598-02**

EFFECTIVE DATE: **JULY 01, 1992**
EXPIRATION DATE: **MARCH 31, 1994**

ISSUED TO: **LAIDLAW WASTE SYSTEMS, INC.**
13570 ST. CHARLES ROCK ROAD
BRIDGETON, MO 63044

SIC NUMBER(S): **4953**

TOTAL NUMBER OF PERMITTED DISCHARGE POINTS: **ONE**
SAMPLING PT. REF. NUMBER(S): **001**

In accordance with the provisions of the Federal Pretreatment Regulations (40 CFR 403) and Metropolitan St. Louis Sewer District Ordinance No. 8472, the permittee is hereby authorized to discharge wastewater into the Metropolitan St. Louis Sewer District's sanitary or combined sewer system. All discharges so authorized shall be limited and controlled pursuant to the terms and conditions of this permit.

Noncompliance with any term or condition of this permit shall constitute an ordinance violation. If formal enforcement action is required to gain compliance, the permittee who is found guilty of a violation shall be subject to fine or imprisonment, or both such fine and imprisonment, for each violation. Each day in which any such violation shall continue shall be deemed a separate offense.

Compliance with the terms and conditions of this permit does not relieve the permittee of the obligation to comply with all other applicable pretreatment regulations, standards, or requirements under local, State and Federal laws, including any such regulation, standard, legal requirement, or law that may become effective during the life of this permit.

This permit only authorizes wastewater discharges identified herein. It does not apply to any other discharge.

METROPOLITAN ST. LOUIS SEWER DISTRICT

Gunter H. Durdel
Assistant Engineer

John R. Lodderhose, P.E.
Manager Environmental Compliance

MSD 022604

DRAFT

COPY

Permit No: 05115598-02
Page No: 2

DISCHARGE LIMITATIONS

SAMPLING POINT REFERENCE NUMBER: **001**

SAMPLING POINT LOCATION: **MH 120'N OF OLD ST CHARLES ROCK ROAD**

AVERAGE WASTEWATER FLOW (GPD): **141,684**

WASTEWATER SOURCE AND CATEGORY: **LEACHATE FROM LANDFILL**

POLLUTANT DISCHARGE LIMITS
(mg/l unless otherwise specified)

Parameter	Limit *	Limit Type **	Sampling Frequency
Flow (GPD)	***	Daily Avg	***
Biochemical Oxygen Demand	300	Daily Avg	once/3 mo
Chemical Oxygen Demand	600	Daily Avg	once/3 mo
Oil and Grease (Total)	200	Instant	once/3 mo
pH Acidic (s.u.) Less than 7	5.5	Instant	once/3 mo
pH Basic (s.u.) Greater than or equal to 7	11.5	Instant	once/3 mo
Temperature (Degrees C)	60	Instant	once/3 mo
Total Suspended Solids	350	Daily Avg	once/3 mo
Ammonia (as N)	****	Daily Avg	once/3 mo
Iron	25	Daily Avg	once/3 mo
Cadmium (Total)	.4	Daily Avg	once/3 mo
Chromium (Total)	5	Daily Avg	once/3 mo
Copper (Total)	1.5	Daily Avg	once/3 mo
Lead (Total)	.2	Daily Avg	once/3 mo
Nickel (Total)	1	Daily Avg	once/3 mo
Zinc (Total)	3	Daily Avg	once/3 mo
Total Toxic Organics	5.52	Instant	once/yr

* Limits are based on MSD Ordinance 8472 and applicable federal categorical standards. See Section II of the permit conditions for explanation of any adjustments to the published limits made pursuant to Article V, Section 2.A of the Ordinance.

** See Section I.A.2 of the permit conditions.

*** Report a measured totalized flow for each quarterly reporting period.

**** Monitoring Requirement Only

PERMIT CONDITIONS

SECTION I - GENERAL CONDITIONS:

A. MONITORING AND REPORTING REQUIREMENTS:

1. From the effective date of this permit, the permittee shall self-monitor the discharge at each of the identified sampling points at the frequency specified in this permit. The permittee shall submit self-monitoring reports to the District's Department of Environmental Compliance identifying the concentrations of regulated substances in each of these discharges. Each report shall also include a record of all measured or estimated average daily flows during the reporting period.

2. The pollutants to be monitored are specified individually for each sampling point. The limitation, limitation type and monitoring frequency are given for each pollutant. The limitation types are defined as follows:

An INSTANT limitation is the maximum allowable concentration of the pollutant in a grab sample for all pollutants except pH and temperature. For pH the INSTANT limitation is the minimum or maximum allowable instantaneous pH value reported in standard units. For temperature, the INSTANT limitation is the maximum allowable instantaneous temperature reported in degrees C.

A DAILY AVG limitation is the maximum allowable concentration of the pollutant in a composite sample collected within a 24 hour period.

A DAILY MAX limitation is the maximum allowable concentration of the pollutant in any sample collected within a 24 hour period.

A MONTHLY AVG limitation is the maximum allowable average concentration of the pollutant determined by calculating the arithmetic average of the concentrations found in all daily samples collected within a calendar month. The concentrations of all daily samples analyzed using the methods specified in this permit must be included in the calculation.

A 4-DAY AVG limitation is the maximum allowable average concentration of the pollutant determined by calculating the arithmetic average of the concentrations found in the daily samples collected on four consecutive <u>sampling</u> days. The sampling days are not necessarily consecutive calendar days.

A daily sample is <u>any</u> sample collected within a 24 hour period.

3. Exceedances of the limitations for Biochemical Oxygen Demand (BOD), Chemical Oxygen Demand (COD), and Total Suspended Solids (TSS), do not constitute violations of this permit. However, the values reported will be used by the District to assess the applicability of surcharges under the provisions of the District's Sewer Service Charge Ordinances. The limitations listed represent the concentrations of these pollutants found in normal wastewater as defined in the ordinances, except, if the permittee is currently subject to sewer service surcharges, the limitations listed are the concentrations being used for billing purposes. These values will be used until replaced by updated certified data in accordance with the procedures in the ordinances.

4. Unless specified elsewhere in this permit and except for the pollutants listed at the end of this paragraph, all samples collected to satisfy the monitoring and reporting requirements of this permit shall be composite samples made up by combining individual grab samples collected within a 24 hour period. In no case may a composite sample be made from fewer than four grab samples. In all cases the individual grab samples must be adequately spaced so as to ensure a sample that is representative of the permittee's normal operations. Grab samples shall be collected for oil and grease, total phenol, cyanide, sulfide and volatile organics if required. Temperature and pH shall be measured at the point of discharge and the measurements recorded as instantaneous values.

5. When monitoring is required for Total Toxic Organics (TTO), TTO shall be determined by summing all quantifiable values greater than .01 mg/l for the applicable toxic organics listed in 40 CFR 401.15. For discharges subject to categorical pretreatment standards, the applicable toxic organics are listed in the standard. For all other discharges the organics to be included in the TTO are all of those which are or may be present in the discharge.

6. Sampling of all discharges shall be conducted in such a manner as to ensure that the results of individual samples (whether grab or composite) are representative of normal operations and that the results of all samples during the reporting period are representative of the conditions during the reporting period.

7. All sampling and analyses performed to satisfy the monitoring and reporting requirements of this permit shall be performed in accordance with the techniques prescribed in 40 CFR 136 and amendments thereto unless other techniques are prescribed for specific parameters.

8. If the permittee monitors any of the listed pollutants using the methods specified in this permit, more often than required by this permit, the results of all such additional monitoring and any additional flow measurements shall be included in the self-monitoring reports.

9. All self-monitoring reports shall be certified and signed in accordance with the provisions of District Ordinance 8472, Article X, Section Three. The signed reports shall be submitted every three months (Quarterly) to the District's Department of Environmental Compliance. Each report shall be postmarked no later than the 28th day of the month following the end of the reporting period. The first report is due on **October 28, 1992.**

10. If any sampling performed by the permittee using the methods specified in this permit indicates a violation of any permit limitation, the permittee shall notify the District's Department of Environmental Compliance within one business day of becoming aware of the violation. The permittee shall resample the discharge and shall submit the results of the resampling within thirty (30) days of becoming aware of the violation.

B. CHANGE IN DISCHARGE:

1. The permittee shall not significantly increase the average daily volume, or flow rate of discharge or add any significant new pollutants or significantly increase the discharge of existing pollutants set forth in this permit without first having secured an amendment to the permit unless the permit conditions authorize such increase or additions without an amendment.

2. The permittee shall notify the District's Department of Environmental Compliance of any proposed significant new or increased discharge. The permittee shall make the notification at least ten (10) business days prior to the date of the planned increase or addition.

3. As defined in District Ordinance 8472, Article II, significant new or increased discharge means:

a. Any discharge from a new process or facility or a new source.

b. Any increase in volume or rate of discharge from an existing process or facility when the new long term average daily volume or rate of discharge will exceed the previous long term average by 20% or more.

c. Any addition of a priority pollutant or toxic pollutant not previously present or suspected present in the permittee's discharge.

d. Any addition of a hazardous waste subject to, but not previously reported under the reporting requirements in District Ordinance 8472, Article VIII, Section Nine.

e. Any increase in mass of an existing regulated pollutant when the new long term average daily mass discharge of that pollutant will exceed the previous long term average by 20% or more.

f. Any addition of a new pollutant or any increase in mass of an existing pollutant when the discharge of such pollutant may cause or contribute to interference or pass-through as these terms are defined in District Ordinance 8472, Article II.

g. Any new batch discharges when previous discharges from an existing source at the permitted facility occurred on a continuous basis.

C. PROBLEM DISCHARGE:

1. Problem discharge means any upset, slug discharge, bypass, spill or accident which does or may result in a discharge into the District's system of a prohibited substance; or of a regulated substance in excess of limitations established in this permit and which may: (a) cause interference or pass through; or (b) contribute to a violation of any requirement of the District's NPDES permit; or (c) cause violation of any State or Federal water quality standard.

2. In the event of any problem discharge into the District's system, the permittee shall immediately notify the District's Department of Environmental Compliance by telephone of the incident and shall provide such information as may be required at that time in order to assess the impact of the incident on the District's system or on water quality. Within five (5) business days following any such incident, the permittee shall submit to the District's Department of Environmental Compliance a detailed written report which contains a description of the incident and its cause, location within the permittee's facility, exact dates and times of the period of problem discharge and, if not yet corrected, the anticipated time the incident is expected to continue, and steps taken or planned to correct the current incident and to reduce, eliminate and prevent occurrences of future such incidents.

D. BYPASSING PROHIBITED:

The permittee may not bypass any portion of its pretreatment facilities except when necessary to perform essential maintenance and then only if the bypass will not result in a violation of applicable pretreatment standards or requirements. Any other pretreatment facility bypass is prohibited unless:

a. The bypass is unavoidable to prevent loss of life, personal injury or severe property damage;
b. There are no feasible alternatives to the bypass; and
c. In the event of an anticipated bypass, advance notice is provided to the District's Department of Environmental Compliance.

E. PERMIT REVOCATION OR MODIFICATION:

1. This permit may be revoked after thirty (30) days notice to the permittee for cause including, but not limited to, the following causes:
a. A violation of any term or condition of this permit.
b. A misrepresentation or failure to fully disclose all relevant facts in obtaining this permit.

2. This permit may be modified after thirty (30) days notice to the permittee following promulgation of new State, Federal or local regulations to ensure compliance with the effective dates contained in any such new regulations.

F. TERMINATION OF DISCHARGE:

Whenever any discharge covered by this permit is permanently eliminated, this permit will be terminated or modified upon verification by the District's Department of Environmental Compliance.

G. PERMIT RENEWAL:

The permittee shall apply for renewal of this permit at least one hundred eighty (180) days prior to the expiration date contained herein.

H. PERMIT TRANSFER:

This permit may not be transferred or reassigned. If the premise covered by this permit is sold or otherwise transferred to a new owner, the new owner shall apply for a new permit at least ten (10) days prior to the transfer and shall abide by all of the provisions of Sewer Use Ordinance No. 8472 until the District issues a new permit or denies the application.

I. RIGHT OF ENTRY:

In order to ensure compliance with the provisions of this permit, District Ordinances and applicable State and Federal regulations, District representatives may inspect a permittee's treatment, pretreatment or discharge control facilities, or any process or any area of the permittee's premise which may be a source of any discharge or a source of any pollutants contained in any discharge into the District's wastewater system; conduct sampling of such facilities, processes or areas; and examine or copy any permittee's records related to such discharges. Any duly authorized representative of the District upon presentation of proper credentials and after execution of appropriate confidentiality agreements shall be permitted access to appropriate areas of the permittee's premises without prior notice for these purposes. A representative of the user shall, if appropriate, accompany the District representative while the work is being performed and shall assure that all applicable safety rules are being observed by the District's representative.

J. RECORDS RETENTION:

The permittee shall retain and preserve, for not less than three (3) years, all records, books, documents, memoranda, reports, sample analysis results, correspondence and any and all summaries thereof relating to the monitoring, sampling and chemical analyses of the permittee's discharge made by or on the permittee's behalf.

K. DEFINITIONS:

Unless the context specifically indicates otherwise, the meaning of terms used in this permit shall be as defined in District Ordinance 8472, Article II.

L. SEWER USE ORDINANCE:

Unless the context specifically indicates otherwise, the permittee is subject to all the conditions of District Ordinance 8472.

M. NOTIFICATION AND REPORTING:

1. All notifications and reports required by this permit shall be directed to:

Metropolitan St. Louis Sewer District
Department of Environmental Compliance
10 East Grand Avenue
St. Louis, Missouri 63147-2913

2. Emergency notifications may be made 24 hours a day by calling the Metropolitan St. Louis Sewer District dispatcher at 768-6260.

3. During normal business hours, notifications may be made by calling the Department of Environmental Compliance at 436-8710.

SECTION II - SPECIAL CONDITIONS:

1. **NONE**

METROPOLITAN ST. LOUIS SEWER DISTRICT
INDUSTRIAL WASTEWATER DISCHARGE PERMIT

FACT SHEET

Check If:
FIRST TIME PERMIT: ✓
PERMIT RENEWAL: ___
PERMIT REVISION: ___

Prepared by: MAM
Date: ___
Checked By: ___
Date: ___

PERMIT NO: 05115598-02 ISSUE DATE: 8-5-92
EXPIRATION DATE: 3-31-94
MODIFICATION DATE(S): ___

OTHER ACCOUNT NUMBERS: NA

COMPANY NAME: LAIDLAW WASTE SYSTEMS, INC

PREMISE ADDRESS: 13570 St. CHARLES ROCK RD

SIC NUMBER(S): 4953

TYPE OF OPERATION: SANITARY LANDFILLS

TOTAL NUMBER OF SAMPLING POINTS: ONE
NUMBER OF: ORDINANCE___ CATEGORICAL___ COMBINED___

CATEGORICAL INDUSTRY: YES ✓ NO___
IF YES, 40 CFR___ SUBPART___

EXTRA STRENGTH SURCHAGE: YES___ NO ✓
IF YES, BOD:___ COD:___ TSS:___

RETURN FACTOR: YES___ NO ✓ IF YES, PERCENT (%):___

SPECIAL CONDITIONS: YES___ NO ✓

SUPPORTING DOCUMENTS ATTACHED:

PERMIT PREPARATION CHECK LIST: YES ✓ NO___
POLLUTANT & LIMITATIONS DOCUMENTATION SHEETS: YES ✓ NO___
PRODUCTION BASED STDS CALCULATION SHEETS: YES___ NO___ N/A ✓
IF YES, FOR SAMPLING POINT:___
MOST STRICT STANDARDS CALCULATION SHEETS: YES___ NO___ N/A ✓
IF YES, FOR SAMPLING POINT:___
COMBINED WASTESTREAMS CALCULATION SHEETS: YES___ NO___ N/A ✓
IF YES, FOR SAMPLING POINT:___
OTHER: B & V SUMMARY

COMMENTS:___

PERMIT NO: 05115598-02

SAMPLING POINT REFERENCE NUMBER: 001

SOURCE OF FLOW: LEACHATE FROM LANDFILL

GENERAL POLLUTANTS:
BOD ✓ COD ✓ O & G ✓ PH ✓ TEMP ✓ TSS ✓
OTHER AMMONIA (AS N), IRON

PRIORITY POLLUTANTS: CD, CR, CU, PB, NI, ZN, TTO

BASIS FOR POLLUTANTS & LIMITATIONS: MSD ORDINANCE 8472

SPECIAL CONDITION(S) REQUIRED: YES____ NO ✓
IF YES, #____ #____ #____ #____ IS APPLICABLE.

SAMPLING POINT REFERENCE NUMBER:____

SOURCE OF FLOW:____

GENERAL POLLUTANTS:
BOD___ COD___ O & G___ PH___ TEMP___ TSS___
OTHER____

PRIORITY POLLUTANTS:____

BASIS FOR POLLUTANTS & LIMITATIONS:____

SPECIAL CONDITION(S) REQUIRED: YES____ NO____
IF YES, #____ #____ #____ #____ IS APPLICABLE.

BLACK & VEATCH ENGINEERS-ARCHITECTS

Owner MSD Permit Assistance
Plant _____ Unit _____
Project No. 19535.100 File No. _____
Title Permit Justification

Computed By G.L. Hunter
Date 7-9 19 92
Checked By _____
Date _____ 19 ____
Page 1 of _____

IN THIS SPACE

DO NOT WRITE

PERMIT JUSTIFICATION

INDUSTRY: GAIDLAW WASTE SYSTEMS, INC.
13570 St. Charles Rock Road
BRIDGETON, MO 63044

MSD # 0511 5598-02

Contact RANDY ANDERSON
Division MANAGER
739-1919

REFERENCES USED FOR PERMIT

1. Permit Verification Site visit (5-26-92)
2. MSD Sampling MAP (UNDATED)
3. Draft Permit
4. Industrial User Questionaire (12-17-91)
5. Permit Preparation check visit
6. Industrial Data Sheet (5-7-92)
7. MSD Facility Inspection Reports (
8. MSD OMD 8472
9. 40 CFR 403
10. 1987 SIC Code Book

REVIEW OF SIC CODES

INDUSTRY INDICATED ON IUQ AN SIC CODE OF 4953 1987 SIC CODE BOOK INDICATES THAT SIC CODE 4953 IS FOR SANITARY LAND FILLS. IT WAS CONFIRMED THROUGH THE SITE VISIT THAT THIS INDUSTRY IS performing Landfill Activities. therefore recommend that SIC CODE 4953 BE incorporated into the permit.

P-GN-172A

REVISED, SUPERSEDED, AND VOID CALCULATIONS MUST BE CLEARLY IDENTIFIED, INITIALED, AND DATED BY THE RESPONSIBLE INDIVIDUAL.

BLACK & VEATCH ENGINEERS-ARCHITECTS

Owner MSD Permit Assistance
Plant _____ Unit _____
Project No. 19535.100 File No. _____
Title Permit Justification

Computed By G.L. Hunter
Date 7-9 1992
Checked By _____
Date _____ 19 ___
Page 2 of _____

DO NOT WRITE IN THIS SPACE

INDUSTRY: LAIDLAW WASTE SYSTEMS, INC
MSD # 05115598-02

REVIEW OF SAMPLING POINT

INDUSTRY INDICATES ON IUQ THAT ONE CONNECTION TO SEWER EXISTS. THIS LOCATION IS DOWNSTREAM OF LEACHATE treatment FACILITIES.

SP001 IS DESCRIBED ON IDS AS
MH NORTH OF OLD ST CHARLES RKRD
From site visit and PREVIOUS SITE MAPS it was determined that THE SAMPLING LOCATION WAS 120' N of old St Charles Rock RD. RECOMMED that the following sampling description be incorporated into the permit.
MH 120' NORTH OF OLD ST CHARLES ROCK ROAD.

REVIEW OF AVERAGE WASTEWATER FLOW

SEVERAL SOURCES OF WASTEWATER EXIST.

Source	DATE	Flow, gpd SP001
IUQ	12-17-91	250,000
draft Permit	—	250,300
IDS	5-7-92	141,684

NOTE TO MSD: DOES THIS COMPANY get charged FOR FLOW LIKE OTHER LANDFILLS? FILE INFORMATION TENDS TO INDICATE NOT, IS THAT CORRECT?

currently being billed $20,000 - $36,000 / quarter OK
flow records sent directly to billing dept. [illegible]

P-GN-172A

REVISED, SUPERSEDED, AND VOID CALCULATIONS MUST BE CLEARLY IDENTIFIED, INITIALED, AND DATED BY THE RESPONSIBLE INDIVIDUAL.

BLACK & VEATCH ENGINEERS-ARCHITECTS

Owner MSD Permit Assistance
Plant _____ Unit _____
Project No. 19535.100 File No. _____
Title Permit Justification

Computed By G. L. Hunter
Date 7-13 1992
Checked By _____
Date _____ 19 ___
Page 3 of _____

INDUSTRY: LAIDLAW WASTE SYSTEMS, INC.
MSD #: 0511 5598-02

REVIEW OF WASTEWATER SOURCE AND CATEGORY / POLLUTANT LIMITS

THE IUQ IDENTIFIES THE FOLLOWING INFORMATION REGARDING SP001

SP001 — CONTAINS LECHATE FROM LANDFILL

THIS WAS CONFIRMED DURING SITE VISITS AND SHOULD BE INCORPORATED INTO THE PERMITS

DISCHARGES FROM THIS LOCATION ARE REGULATED BY MSD AND 8472. LIMITS FOR CONVECTIONAL POLLUTANTS WERE ESTABLISHED BECAUSE THIS IS A DIRECT CONNECTION TO THE SEWER.

ADDITIONAL DISCHARGE LIMITS WERE ESTABLISHED FOR IRON, Cd, Cr, Cu, Pb, Ni & Zn BASED ON PAST COMPLIANCE ISSUES AND AGREEMENTS WITH MSD. BECAUSE LANDFILLS GENERATE AMMONIA, MONITORING WILL BE REQUIRED FOR AMMONIA AT NO DISTRICT LIMIT EXISTS.

SAMPLING FREQUENCY WAS ESTABLISHED AT ONCE PER 3 MONTH FOR EACH PARAMETER EXCEPT TTO. TTO SAMPLING FREQUENCY WAS ESTABLISHED AT ONCE PER YEAR. THIS RESPECTING SAMPLING FREQUENCY WAS ESTABLISHED BY THE DISTRICT BASED ON HISTORICAL SAMPLING PRACTICES. IT IS NOTED THAT THIS INDUSTRY IS CURRENTLY REPORTING PARA MEE PER MONTH. MSD HAS DECIDED TO MAINTAIN CONSISTANCY TO ONCE / 3 MO.

DO NOT WRITE IN THIS SPACE

P-GN-172A

REVISED, SUPERSEDED, AND VOID CALCULATIONS MUST BE CLEARLY IDENTIFIED, INITIALED, AND DATED BY THE RESPONSIBLE INDIVIDUAL.

BLACK & VEATCH ENGINEERS-ARCHITECTS

Owner MSD Permit Assistance
Plant _____ Unit _____
Project No. 18935.100 File No. _____
Title Permit Justification

Computed By G.C. Hunter
Date 7-13 1992
Checked By _____
Date _____ 19 ___
Page 4 of _____

DO NOT WRITE IN THIS SPACE

INDUSTRY : LAIDLAW WASTE SYSTEMS, INC.
MSD# : 05115598-02

Gunter

It appears for the last approximately 2 1/2 years this landfill has been sending monthly data to the district. With this in mind does the District wish to continue this practice and therefore reduce the frequency to once a ~~more~~ month from the typical once/3 month? NO NO
What about an SP 18 for monitor as Iron, Arsenic, Barium, & Selenium?
Gary

Gary - Use quart monit & SC#18 for Amm - Nitr
gd

REVIEW Special Cond

Based on a review of information required for this permit no special conditions are required.

P-GN-172A

REVISED, SUPERSEDED, AND VOID CALCULATIONS MUST BE CLEARLY IDENTIFIED, INITIALED, AND DATED BY THE RESPONSIBLE INDIVIDUAL.

Company Name: LAIDLAW [redacted] TE Cat: [redacted] Prepared By: GD

Acct. Number: 05115598-02 Date: 5-1-92 Reviewed By / Date: ____/____ ____/____

PERMIT PREPARATION CHECK LIST (Rev 4/23/92)

REVIEW THE PRETREATMENT DATABASE AND INDUSTRY FILE. ANSWER THE FOLLOWING QUESTIONS AND UPDATE THE DATABASE PRIOR TO DEVELOPING THE DRAFT PERMIT.

1. Are the correct SIC numbers listed? ✓Yes ___No
   If No - list changes: _____.

2. Do the Sampling Point Location comments specifically locate the sampling point(s)? ✓Yes ___No

3. Do the Wastewater Source and Category comments identify the wastewater discharged and the applicable categorical standards? ✓Yes ___No

4. Do the ordinance discharge limits correspond to the watershed? ✓Yes ___No
   Watershed is classified small____ ✓or large____ river.

5. Is this company in surcharge - Category 2? ___Yes ✓No
   If Yes - date last certified: _____.

6. Does this company have a history of compliance problems? ___Yes ✓No
   If Yes - is a compliance schedule required? ___Yes ___No
   If Yes - Special Condition #20 is applicable.

7. Is the Combined Wastestream Formula (CWF) required? ___Yes ✓No
   If Yes - which sampling point(s): _____.
   If Yes - date last calculated: _____.
   Special Condition #7 is applicable. Attach CWF worksheet.

8. Are limitations based on production data? ___Yes ✓No
   If Yes - which sampling point(s): _____.
   If Yes - date last calculated: _____.
   Do Special Conditions #4, #5 & #6 apply? ___Yes ___No
   If Yes - which Special Condition(s): _____.

9. Does this company have a return factor less than 1.00? ___Yes ✓No
   If Yes - what? _____ Date last updated: _____.
   Special Condition #13 is applicable.

10. Does SIU discharge any process waste? ___Yes ✓No
    If No - does Special Condition #2____ or #3____ apply? ___Yes ___No

11. Are there sampling points which include no process waste flows? ___Yes ✓No
    If Yes - does Special Condition #9 apply? ___Yes ___No
    If Yes - which sampling point(s): _____.

12. Are there any additional pollutants, not in the database, which should be monitored? ___Yes ✓No
    If Yes - list pollutant(s): _____.
    Is Special Condition #18 applicable? ___Yes ___No

Acct. Number: 051155[redacted]8-02

13. Are all SARA Data pollutants monitored? ✓ N/A ___ Yes ___ No
    If No - do additional pollutants need to be monitored? ___ Yes ___ No
    If Yes - list pollutant(s): _____.

14. Are all Hazardous Waste Report (403.12(p)) pollutants monitored? ✓ N/A ___ Yes ___ No
    If No - do additional pollutants need to be monitored? ___ Yes ___ No
    If Yes - list pollutant(s): _____.

15. Are all applicable priority pollutants listed at Ordinance sampling points? ___ Yes ✓ No
    If No - add: _____.
    - delete: _____.

16. Do any sampling points have both Ordinance and Categorical limits? ___ Yes ✓ No
    If Yes - which sampling point(s): _____.
    Special Condition #8 is applicable. Attach worksheet.

17. Are there any active wastewater connections to District sewers that have no identified sample points? ___ Yes ✓ No
    If Yes - how many? _____.
    Explain: _____.
    If Yes - can Special Condition #10 be used? a___ or b___? ___ Yes ___ No
    If Yes - is documentation sufficient? ___ Yes ___ No
    If No - is a compliance schedule necessary to establish documentation? ___ Yes ___ No
    If Yes - Special Condition #20 is applicable.

18. Are there any inactive wastewater connections to District sewers? ___ Yes ✓ No
    If Yes - does Special Condition #11 apply? ___ Yes ___ No

19. Does company have upstream/downstream sampling points? ___ Yes ✓ No
    If Yes - upstream # _____ & downstream # _____.
    If Yes - Special Condition #19 is applicable.

20. Do the discharge factors provide an accurate representation of the flows at each sampling point? ✓ Yes ___ No

21. Can grab samples be used in lieu of composite samples? ___ Yes ✓ No
    If Yes - which sampling point(s): _____.
    Special Condition #12 is applicable.

22. Can company be exempted from monitoring for TTO at a categorical sampling point? ✓ N/A ___ Yes ___ No
    If Yes - which sampling point(s): _____.
    Special Condition #14 ___ or #15 ___ is applicable.

23. May company monitor for Oil & Grease in lieu of TTO at a categorical sampling point? ✓ N/A ___ Yes ___ No
    If Yes - which sampling point(s): _____.
    If Yes - Special Condition #16 is applicable.

24. Is company a job shop electroplater with >10k gpd? ___ Yes ✓ No
    If Yes - Special Condition #17 is applicable.

Acct. Number: 0511 5598-02

25. Are there any special billing provisions that require a Special Condition in the permit? ___Yes ✓No
If Yes - please describe:

_____

_____

_____

_____

26. Are any Special Conditions other than the standard Special Conditions needed? ___Yes ✓No
If Yes - please describe:

_____

_____

_____

_____

Summary: List all the Special Conditions applicable to this permit:

#____ #____ #____ #____ #____ #____ #____ #____

If Special Condition #20 is applicable, outline the requirements & dates below:

_____

_____

_____

_____

_____

_____

_____

_____

FOR MSD USE ONLY		
ACCOUNT NUMBER: 05115598-02	CATEGORY: 1 2 3 4 5 6 7	
TA: MISSOURI TS: FORCE MAIN	MM Reviewer's Initials	12-17-91 Date

METROPOLITAN ST. LOUIS SEWER DISTRICT
DEPARTMENT OF ENVIRONMENTAL COMPLIANCE
INDUSTRIAL USER QUESTIONNAIRE

Note to Signing Official: In accordance with Title 40 of the Code of Federal Regulations Part 403 Section 403.14, information and data provided in this questionnaire which identifies the nature and frequency of discharge shall be available to the public without restriction. Requests for confidential treatment of other information shall be governed by procedures specified in 40 CFR Part 2. Should a discharge permit be required for your facility, the information in this questionnaire will be used to issue the permit.

SECTION A - GENERAL INFORMATION

1. Company Name: LAIDLAW WASTE SYSTEMS INC - BRIDGETON
2. Mailing Address: 13570 ST. CHARLES ROCK ROAD
   BRIDGETON, MO Zip Code 63044
3. Premise Address: SAME
   Zip Code
4. Person Authorized to Sign Reporting Documents:
   Name and Title: RANDY ANDERSON - DIVISION MANAGER
   Tel. No. (314) 739-1919
5. Check one: [X] Existing Discharge
   [ ] Proposed Discharge If proposed, indicate the discharge start date:
6. Shift Information:
   a. Number of shifts per work day: 1 and work days per week: 5.5
   b. Average number of employees per shift: 1st 19 2nd 3rd Total: 19
   c. Shift start times: 1st 0300 2nd 3rd

SECTION B - PRODUCT OR SERVICE INFORMATION

1. Briefly describe the primary manufacturing or service activities at the premise address and list the applicable SIC number for each activity:

	PRIMARY ACTIVITIES	SIC NUMBER
a.	SANITARY LANDFILL	4953
b.		
c.		
d.		

Company Name: LAIDLAW - R[illegible]DGETON
Premise Address: 13570 ST. CHARLES ROCK ROAD
Account Number: 05115598-02

B - PRODUCT OR SERVICE INFORMATION (Cont'd)

primary activities generally batch or continuous processes? [] batch [] continuous

cipal raw materials used: N/A

cipal products produced: N/A

eck all activities which are conducted at your premise in addition to the primary activities described in B.1. Indicate the number, if known. Do not check activities which are already included in B.1.

	SIC NO.		SIC NO.
dhesive & Sealants Mfg.		[] Mineral Mining & Processing	
luminum Forming		[] Nonferrous Metals Forming	
sbestos Mfg.		[] Nonferrous Metals Mfg	
attery Mfg.		[] Organic Chem., Plastics & Synthetic Fibers Mfg	
uilder's Paper and Roofing Felt Mfg.		[] Paint Formulating	
arbon Black Mfg.		[] Painting, Finishing or Paint Stripping	
ement Mfg.		[] Parts Washing	
oil Coating		[] Paving and Roofing Materials	
opper Forming		[] Pesticide Chem., Mfg., Formulating, Packaging	
Dairy Products Processing		[] Petroleum Refining	
Drum Reconditioning		[] Pharmaceutical Mfg	
Electrical and Electronic Components		[] Phosphate Mfg	
Electroplating		[] Photographic Processing	
Explosives Mfg.		[] Plastic Molding and Forming	
Feedlots		[] Porcelain Enameling	
Ferroalloy Mfg.		[] Printing & Publishing	
Fertilizer Mfg.		[] Pulp, Paper & Paperboard Mfg	
Food Preparation		[] Q. C. Laboratory	
Fruits and Vegetable Processing		[] R. & D. Laboratory	
General Offices		[] Radioactive Materials Processing	
Glass Mfg.		[] Repair Shop, Garage	
Grain Milling		[] Rubber & Rubber Prod. Mfg.	
Gum & Wood Chemical Mfg.		[] Seafood Processing	
[] Hazardous Waste Treatment, Storage or Disposal		[] Soap and Detergent Mfg.	
[] Health Care & Hospital		[] Solvent Recycling	
[] Industrial Laundry		[] Steam Electric Power Generation	
[] Ink Formulating		[] Sugar Processing	
[] Inorganic Chemicals Mfg.		[] Textile Mills	
[] Iron and Steel Mfg.		[] Timber Products Mfg.	
[] Leather Tanning and Finishing		[] Transportation Equipment Cleaning	
[] Machine Shop		[] Transportation Services	
[] Machinery Mfg. or Rebuilding		[] Used Oil Reclamation	
[] Meat Processing		[] Vehicle/equipment Washing	
[] Metal Finishing		[] Warehousing	
[] Metal Molding and Casting		[] Waste Recycling	
		[] Others SANITARY LANDFILL	4953

Are your processes subject to seasonal variation? [] Yes [X] No

If "Yes," explain and indicate the month(s) of peak activity.

Company Name: LAFARGE - BRIDGETON
Premise Address: 13570 ST. CHARLES ROCK ROAD
Account Number: 05115598-02

SECTION C - WATER CONSUMPTION AND WASTEWATER DISCHARGES

1. Raw Water Source(s):
   - [ ] City of St. Louis Water Div.
   - [x] St. Louis Co. Water Co.
   - [ ] Other Municipal Source: _____
   - [ ] Hauled by Contractor
   - [ ] Surface Water
   - [ ] Private Well
   - [ ] Other (describe) _____

2. Water Bill Addressee: WESTLAKE CORP
3. Water Service Account Numbers: UNKNOWN
4. List past twelve months water usage from: [ ] Water Bill [ ] Other Sources

a. 1st quarter	____19__	through	____19__	____Ccf	____Ccf
b. 2nd quarter	____19__	through	____19__	____Ccf	____Ccf
c. 3rd quarter	____19__	through	____19__	____Ccf	____Ccf
d. 4th quarter	____19__	through	____19__	____Ccf	____Ccf

5. Describe any treatment or conditioning process performed on the raw water before use: NONE

6. List water uses within your facility:

Type of Usage	Estimated Avg Usage (Gallons Per Day)	Type of Usage	Estimated Avg Usage (Gallons Per Day)
a. Sanitary	300	e. Process	
b. Irrigation & Lawn Watering		f. Plant and equip. washdown	
c. Non-contact cooling water		g. Boiler Feed	
d. Contact cooling water		h. Other: ROAD WATERING	18,000
		i. Total a through h:	18,300

7. List water losses and wastewater discharges from your facility:

Type of Discharge	Estimated Avg Discharge (Gallons Per Day)	Type of Discharge	Estimated Avg Discharge (Gallons Per Day)
a. Municipal Sewer	250,300	d. Evaporation	18,000
b. Watercourse, storm drain, ground		e. Contained in product	
c. Haulers		f. Total a through e:	268,300

Total at 7f must equal total at 6i.

8. List average water usage and average wastewater discharge for each activity listed in Section B.1 and B.5. Attach additional sheets if needed.

Item No.	Activity	Type of Discharge Cont.	Type of Discharge Batch	Avg Use (GPD)	Avg Discharge (GPD)	Date When Discharge First Commenced (if known)
1	SANITARY	[ ]	[x]	300	300	UNKNOWN
2	ROAD WATERING	[ ] N/A	[ ]	18,000	0	UNKNOWN
3	LEACHATE REMOVAL	[x]	[ ]	0	250,000	UNKNOWN
		[ ]	[ ]			
		[ ]	[ ]			

Company Name: LA[illegible]AW - BRIDGETON
Premise Address: 13570 ST. CHARLES ROCK ROAD
Account Number: 05115598-02

SECTION D - SEWER CONNECTION INFORMATION

1. Attach a scale drawing of your premise which shows:
   a. All buildings, alleys, streets and other pertinent structures;
   b. All sewers and drains, including all connections, inlets, manholes, vents and other access or control structures. Identify each sewer as sanitary, storm or combined and indicate its size.
   c. Identify a sampling point for each connection to the public sewer.
   d. Identify a sampling point for each discharge from a federally regulated categorical process.
   e. Identify a sampling point for each discharge to a separate storm sewer or water course.
2. List each sampling point identified in D.1 c, d, and e above. Also include each connection for which there is no sampling point. Assign a sequential reference number to each point, starting with No. 1. Attach additional sheets, if necessary.

Reference Number	Sewer Size (inch)	Description of sewer sampling point or connection	Total Average Flow (GPD)
1	4	LEACHATE LAGOON DISCHARGE M.H.	250,000
2			
3			
4			
5			

SECTION E - WASTEWATER INFORMATION

1. If you listed water usage quantities only for items 6a through c, in Section C.6, you may skip this section. Otherwise, you must complete this section for all water usage listed in Section C.6. Attach additional sheets if necessary.

	Type Wastewater	Discharge Quantity (GPD) for each sampling point or connection 1	2	3	4	5	Facility Total
a.	Sanitary						
b.	Irrigation & Lawn Watering						
c.	Non-Contact Cooling Water						
d.	Contact Cooling Water						
e.	Process (From C.8)						
	LEACHATE REMOVAL	250,000					
f.	Plant & Equip. Washdown						
g.	Boiler Blowdown						
h.	Other ( )						
	Regeneration Waste (C.5)						
	Total (Same as D.2)	250,000					

2. If any of the above points discharge to a watercourse or a separate storm sewer, complete the following:

NPDES Outfall Number	N/A				
NPDES Permit Number	N/A				

3. Do any of the above points also convey stormwater from your premise ?

[] Yes [X] No [] Yes [] No [] Yes [] No [] Yes [] No [] Yes [] No

4. Do you pretreat any of the wastes discharged through any of the above points?

[X] Yes [] No [] Yes [] No [] Yes [] No [] Yes [] No [] Yes [] No

Company Name: LAIDLAW - BRIDGETON
Premise Address: 13570 ST. CHARLES ROCK ROAD
Account Number: 0511 5598-02

SECTION E - WASTEWATER INFORMATION (Cont'd)

5. Describe the type of wastewater pretreatment you employ prior to each point for which you marked "Yes" in D.4:

Point No.	Pretreatment System Description
1	AERATION / RETENTION LAGOON

6. Does your facility have:

a. A spill control plan? [X] Yes [ ] No
b. A waste minimization plan? [ ] Yes [X] No
c. A solvent management plan? [ ] Yes [X] No
d. A slug discharge plan? [ ] Yes [X] No.

7. If any wastewater analysis has been performed on the wastewater discharges from your facility attach a copy of the most recent data. Be sure to specify the locations from which the samples were collected. Attach sketches, plans, drawings, etc. as necessary.

8. Priority Pollutant Information: Check the appropriate box by each listed chemical whether it is "Suspected Absent", "Known Absent", "Suspected Present", or "Known Present" on your premise, used in your manufacturing or service activity or generated as a by-product. Some pollutants are known by other names. Refer to the instruction booklet for those pollutants which have an asterisk (*).

SA = "Suspected Absent" KA = "Known Absent" SP = "Suspected Present" KP = "Known Present"

ITEM NO.	PRIORITY POLLUTANT	SA	KA	SP	KP
1.	asbestos (fibrous)			X	
2.	cyanide (total)			X	
3.	antimony (total)			X	
4.	arsenic (total)			X	
5.	beryllium (total)			X	
6.	cadmium (total)				X
7.	chromium (total)				X
8.	copper (total)				X
9.	lead (total)				X
10.	mercury (total)			X	
11.	nickel (total)				X
12.	selenium (total)			X	
13.	silver (total			X ←	X
14.	thallium (total)			X	
15.	zinc (total)				X
16.	acenaphthene	X			
17.	acenaphthylene	X			
18.	acrolein	X			
19.	acrylonitrile	X			
20.	aldrin	X			
21.	anthracene	X			
22.	benzene			X	
23.	benzidine	X			
24.	benzo (a) anthracene*	X			
25.	benzo (a) pyrene	X			
26.	benzo (b) fluoranthene	X			
27.	benzo (g,h,i) perylene*	X			
28.	benzo (k) fluoranthene*	X			
29.	alpha-BHC	X			
30.	beta-BHC	X			
31.	delta-BHC	X			
32.	gamma-BHC*	X			
33.	bis (2-chloroethyl) ether*	X			
34.	bis (2-chloroethoxy) methane*	X			
35.	bis (2-chloroisopropyl) ether*	X			
36.	Reserved				
37.	bis (2-ethylhexyl) phthalate	X			
38.	bromodichloromethane*	X			
39.	bromoform*	X			
40.	bromomethane*	X			
41.	4-bromophenylphenyl ether	X			
42.	butylbenzyl phthalate	X			
43.	carbon tetrachloride*	X			
44.	chlordane	X			
45.	4-chloro-3-methylphenol*	X			
46.	chlorobenzene			X	
47.	chlorethane*			X	
48.	2-chloroethylvinyl ether	X			
49.	chloroform*	X			
50.	chloromethane*	X			
51.	2-chloronaphthalene	X			
52.	2-chlorophenol*	X			
53.	4-chlorophenylphenyl ether	X			
54.	chrysene*	X			
55.	4,4'-DDD*	X			
56.	4,4'-DDE*	X			
57.	4,4'-DDT*	X			
58.	dibenzo (a,h) anthracene*	X			
59.	dibromochloromethane*	X			
60.	1,2-dichlorobenzene*	X			
61.	1,3-dichlorobenzene*	X			
62.	1,4-dichlorobenzene*	X			
63.	3,3'-dichlorobenzidine	X			
64.	Reserved				
65.	1,1-dichloroethane*	X			
66.	1,2-dichloroethane*	X			
67.	1,1-dichloroethene*			X	
68.	trans-1,2-dichloroethene*			X	
69.	2,4-dichlorophenol	X			
70.	1,2-dichloropropane*	X			
71.	(cis & trans) 1,3-dichloropropene*	X			
72.	dieldrin	X			
73.	diethyl phthalate*	X			
74.	2,4-dimethylphenol*	X			
75.	dimethyl phthalate	X			
76.	di-n-butyl phthalate	X			

Continued on Page 6

Company Name: LAIDLAW - BRIDGETON
Premise Address: 13570 ST. CHARLES ROCK ROAD
Account Number: 05115598-02

SECTION E - WASTEWATER INFORMATION (Cont'd)

Priority Pollutant Information (Cont'd)

SA = "Suspected Absent" KA = "Known Absent" SP = "Suspected Present" KP = "Known Present"

ITEM NO.	PRIORITY POLLUTANT	SA	KA	SP	KP
77.	di-n-octyl phthalate*	X			
78.	4,6-dinitro-2-methylphenol*	X			
79.	2,4-dinitrophenol	X			
80.	2,4-dinitrotoluene	X			
81.	2,6-dinitrotoluene	X			
82.	1,2-diphenylhydrazine*	X			
83.	endosulfan I*	X			
84.	endosulfan II*	X			
85.	endosulfan sulfate	X			
86.	endrin	X			
87.	endrin aldehyde	X			
88.	ethylbenzene			X	
89.	fluoranthene	X			
90.	fluorene*	X			
91.	heptachlor	X			
92.	heptachlor epoxide	X			
93.	hexachlorobenzene*	X			
94.	hexachlorobutadiene	X			
95.	hexachlorocyclopentadiene*	X			
96.	hexachloroethane*	X			
97.	indeno (1,2,3-cd) pyrene*	X			
98.	isophorone*	X			
99.	methylene chloride*			X	
100.	naphthalene	X			
101.	nitrobenzene	X			
102.	2-nitrophenol	X			
103.	4-nitrophenol*	X			
104.	N-nitrosodimethylamine*	X			
105.	N-nitrosodi-n-propylamine*	X			
106.	N-nitrosodiphenylamine	X			
107.	PCB-1016*	X			
108.	PCB-1221*	X			
109.	PCB-1232	X			
110.	PCB-1242*	X			
111.	PCB-1248*			X	
112.	PCB-1254*	X			
113.	PCB-1260*			X	
114.	pentachlorophenol	X			
115.	phenanthrene	X			
116.	phenol			X	
117.	pyrene	X			
118.	2,3,7,8-tetrachlorodibenzo-p-dioxin*	X			
119.	1,1,2,2-tetrachloroethane*	X			
120.	tetrachloroethene*	X			
121.	toluene*			X	
122.	toxaphene	X			
123.	1,2,4-trichlorobenzene	X			
124.	1,1,1-trichloroethane*	X			
125.	1,1,2-trichloroethane*	X			
126.	trichloroethene*			X	
127.	Reserved	X			
128.	2,4,6-trichlorophenol	X			
129.	vinyl chloride			X	

9. For priority pollutants in E.8 which are indicated "Known Present," list and provide the following data for each: (attach additional sheets if needed.)

ITEM NO.	PRIORITY POLLUTANT	ANNUAL USAGE (LBS)	LOSS TO SEWER (LBS/YEAR)
6	CADMIUM	0	4.6
7	CHROMIUM	0	9.1
8	COPPER	0	15.6
9	LEAD	0	4.7
11	NICKEL	0	56.3
15	ZINC	0	31.2

Company Name: LAIDLAW - BRIDGETON
Premise Address: 13570 ST. CHARLES ROCK ROAD
Account Number: 0511 5598 00

SECTION F - NON-SEWERED WASTES

1. Do you generate any liquid wastes or sludges which are not disposed in the sewer system? ☐ Yes ☒ No
If "Yes" complete items 2 and 3 below. If "No," skip remainder of this section. Note: Be sure to include wastewaters listed in Section C.7c.

2. Information on non-sewered waste:

Type of Waste	Estimated Quantity Disposed/yr	Units	Store on-site	Dispose on-site	Dispose off-site
☐ Acids and/or Alkalies			☐	☐	☐
☐ Equip. Oils and/or Grease			☐	☐	☐
☐ Infectious Waste			☐	☐	☐
☐ Inks/Dyes			☐	☐	☐
☐ Kitchen/Food Service Grease			☐	☐	☐
☐ Organic Compounds			☐	☐	☐
☐ Paints or Paint Sludes			☐	☐	☐
☐ Pesticides			☐	☐	☐
☐ Pretreatment Sludges			☐	☐	☐
☐ Radioactive Waste			☐	☐	☐
☐ Solvents/Thinners			☐	☐	☐
☐ Other _____			☐	☐	☐
			☐	☐	☐
			☐	☐	☐

3. List your USEPA and/or MDNR Hazardous Waste Generator numbers:
USEPA_____ MDNR_____

SECTION G - INDUSTRIAL WASTE SURCHARGE INFORMATION

1. The following analytical information is required for each sampling point or each connection to the public sewer (see D.1.c), only if your water usage exceeds 80 Ccf per month. Representative samples of the wastewaters in each sewer must be collected and analyzed for the listed parameters. Concentrations are to be reported in mg/l (ppm).

Sewer Number (Refer to Section D.2)
(If more than 5 connections, attach additional sheets)

Daily Average Concentration For Each Sampling Point or Connection

Parameter (mg/l)	1	2	3	4	5
Total Solids	N/T				
Total Suspended Solids	N/T				
Biochemical Oxygen Demands	21				
Chemical Oxygen Demand	125				
Flow (gpd)	250,000				

Company Name: LAWLIN - BRIDGETON
Premise Address: 13570 ST. CHARLES ROCK ROAD
Account Number: 05115598-02

SECTION G - INDUSTRIAL WASTE (Cont'd)

2. Sample handling information: Organization Name and Address

a. Samples collected by: ENVIRONMENTAL ANALYSIS, INC. - FLORISSANT, MO

b. Samples analyzed by: SAME

SECTION H - CERTIFICATION AND SIGNATURE

1. The following individual may be contacted regarding the information contained in this questionnaire:

Name and title of contact person: WILLIAM REED - TECHNICAL SERVICES REP.

Tel No. (708) 439-6686

2. "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."

Name and title of signing official: Randy Anderson Division Mgr.

Tel No. 314-739-1919

Signature Randy Anderson Date 8/15/91