Winnebago Reclamation Service, Inc.

Jeff Theien
Site Operations
Winnebago Reclamation
8403 Lindenwood Road
Rockford, IL 61109
(815) 874-4806
July 17, 1998

US EPA RECORDS CENTER REGION 5
472191

Barb LeMoine
Industrial Self Monitoring
Rock River Water Reclamation District
3333 Kishwaukee Street
P.O. Box 7480
Rockford, IL 61126-7480

Re: Bi- Annual Self Monitoring Report

Dear Barb:

Enclosed is the "Self Monitoring Report", flow meter calibration form, analytical results from our composite sampling at (Manhole #4, Station 20, Rydberg Road), and flow data for Winnebago Reclamation Service, Inc. and for NRG Technologies for the period January 01, 1998 through June 30, 1998. Three attachments are included with this report. Attachment 1 contains a list of all the leachate discharges during the reporting period as well as summary statistics of the flow data during the discharge events. In addition, Attachment 1 contains flow totals for NRG gas condensate discharges and a summary of domestic discharges. Attachment 2 provides a copy of the meter calibration report from Lee Engineering. Attachment 3 contains analytical results from our designated sampling point (Manhole #4, Station 20, Rydberg Road). Attachment 3 also contains the self monitoring report form provided by your office.

On March 10, 1998 we installed a new flow meter at Manhole #4, Station 20, Rydberg Road. The new flow meter reads in tens of gallons. The old flow meter read in thousands of gallons. The fact that the meters record flow totals at different rates causes some discrepancies in the totalizer numbers in the report. Between April 17 and April 27, 1998 our meter recorded abnormally high average daily flow. The high average daily flow was caused by an obstructed flume. We also had a problem with the new meter reading flow when there was none present. There was approximately 910,000 gallons of discharge recorded at our meter over a 37 day period. The ultrasonic meter was locked on high level during this time period. We had the meter calibrated on June 9, 1998 and the meter has been functioning properly since the calibration. We now have in place individual meters at our discharge locations for leachate and gas condensate. We will be requesting that we use these individual meters as our designated points to record the leachate and gas condensate flow. The domestic flow would still be recorded at the Rydberg Road location. Instituting these metering practices will enable us to separate our industrial and domestic discharges. This will provide us with additional flow recording information to insure more accurate billing for our individual flows. All of the numbers recorded at the flow meter are included in the report and do affect the final statistics. I just wanted to let you know of this so you would not be alarmed when you saw these figures.

Recycling and waste disposal
4920 Forest Hills Road
Loves Park
Illinois 61111
P.O. Box 2071
Loves Park
Illinois 61130
815.654.5952
Fax 815.654.4717

Winnebago Reclamation Service, Inc.

As your office is aware, we have had a problem with the electric power being turned off at the Rydberg Road location. To prevent this from happening in the future, we have placed a padlock on the electric power disconnect. This will insure that the power can not be turned off from an outside source.

If you have any questions regarding this report, please feel free to give me a call. Thank you for your time and attention.

Sincerely,

Jeff Theien

Enclosures: 3 Attachments

Recycling and
waste disposal

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ATTACHMENT 1

FLOW METER
WINNEBAGO RECLAMATION SANITARY SEWER-RYDBERG RD, MANHOLE #4, STATION 20

DISTRIBUTOR: INVENTRON
LEE ENGINEERING
1522 S. HARVARD
ARLINGTON HTS.,IL 60005
(847)398-7055

ORIGINAL TOTALIZER READING - 10699 01-Jan-98

DISCHARGE DATE	TOTALIZER	DISCHARGE (gal)	FLOW (gal/hr)	TIME(hr)	TIME BETWEEN LEACHATE DISCHARGES (days)	TOTAL FLOW BETWEEN LEACHATE DISCHARGES(gal)	AVG. DAILY DISCHARGE(gal)
6-Jan-98	10703						
6-Jan-98	10707	4000	1333	3	7	4000	571
7-Jan-98	10709						
7-Jan-98	10715	6000	1714	3.5	1	2000	2000
9-Jan-98	10716						
9-Jan-98	10725	9000	1714	5.25	2	1000	500
15-Jan-98	10729						
15-Jan-98	10733	4000	1000	4	6	4000	667
23-Jan-98	10734						
23-Jan-98	10739	5000	1111	4.5	8	1000	125
27-Jan-98	10740						
27-Jan-98	10743	3000	1000	3	4	1000	250
28-Jan-98	10743						
28-Jan-98	10750	7000	1556	4.5	1	0	0
29-Jan-98	10750						
29-Jan-98	10759	9000	2000	4.5	1	0	0

DISCHARGE DATE	TOTALIZER	DISCHARGE (gal)	FLOW (gal/hr)	TIME(hr)	TIME BETWEEN LEACHATE DISCHARGES (days)	TOTAL FLOW BETWEEN LEACHATE DISCHARGES(gal)	AVG. DAILY DISCHARGE(gal)
3-Feb-98	10760						
3-Feb-98	10767	7000	1167	6	5	1000	200
10-Mar-98	12549						
10-Mar-98	13319	7700	1283	6	35	7820	223
19-Mar-98	13531						
19-Mar-98	13728	1970	328	6	9	2120	236
7-Apr-98	16734						
7-Apr-98	17104	3700	617	6	19	30060	1582
15-Apr-98	17740						
15-Apr-98	18533	7930	1322	6	8	6360	795
16-Apr-98	18580						
16-Apr-98	18900	3200	533	6	1	470	470
17-Apr-98	19830						
17-Apr-98	20622	7920	1320	6	1	9300	9300
27-Apr-98	41153						
27-Apr-98	41320	1670	278	6	10	205310	20531
29-Apr-98	41325						
29-Apr-98	42099	7740	1290	6	2	50	25
30-Apr-98	42105						
30-Apr-98	42904	7990	1332	6	1	60	60
1-May-98	42910						
1-May-98	43700	7900	1317	6	1	60	60

DISCHARGE DATE	TOTALIZER	DISCHARGE (gal)	FLOW (gal/hr)	TIME(hr)	TIME BETWEEN LEACHATE DISCHARGES (days)	TOTAL FLOW BETWEEN LEACHATE DISCHARGES(gal)	AVG. DAILY DISCHARGE(gal)
5-May-98	43813						
5-May-98	44600	7870	1312	6	4	1130	283
11-Jun-98	135452						
11-Jun-98	136224	7720	3860	2	37	908520	24555

DISCHARGE DATA FROM PERIOD JANUARY 01 - - JUNE 30, 1998

TOTAL DISCHARGE: **1330240** **gal.**
(leachate, gas condensate, and domestic)

LEACHATE DISCHARGE: **127310** **gal.**
MAX. DISCHARGE: **9000** **gal/day**
MIN. DISCHARGE: **1670** **gal/day**
AVG. DISCHARGE: **6062** **gal/day**
AVG. FLOW RATE: **1304** **gal/hr**
AVG. TIME: **5.1** **hrs**

FLOW METER
WINNEBAGO RECLAMATION SANITARY SEWER-RYDBERG RD, MANHOLE #4, STATION 20

DISTRIBUTOR: INVENTRON
LEE ENGINEERING
1522 S. HARVARD
ARLINGTON HTS., IL 60005
(847)398-7055

ORIGINAL TOTALIZER READING - 10699 01-Jan-98

DOMESTIC FLOW DISCHARGE DATA

DOMESTIC DISCHARGE DATA PERIOD	DAYS BETWEEN LEACHATE DISCHARGES	TTL. DMSTC. FLOW BETWEEN LEACHATE DISCHARGES (gal)	AVG. DLY. DMSTC. DISCHARGE FOR DATA PERIOD
30-Dec-97 6-Jan-98	7	4000	571.4
6-Jan-98 7-Jan-98	1	2000	2000.0
7-Jan-98 9-Jan-98	2	1000	500.0
9-Jan-98 15-Jan-98	6	4000	666.7
15-Jan-98 23-Jan-98	8	1000	125.0
23-Jan-98 27-Jan-98	4	1000	250.0
27-Jan-98 28-Jan-98	1	0	0.0
28-Jan-98 29-Jan-98	1	0	0.0
29-Jan-98 3-Feb-98	5	1000	200.0
3-Feb-98 10-Mar-98	35	7820	223.4
10-Mar-98 19-Mar-98	9	2120	235.6
19-Mar-98 7-Apr-98	19	30060	1582.1

7-Apr-98 15-Apr-98	8	6360	795.0
15-Apr-98 16-Apr-98	1	470	470.0
16-Apr-98 17-Apr-98	1	470	470.0
17-Apr-98 27-Apr-98	10	9300	930.0
27-Apr-98 29-Apr-98	2	205310	102655.0
29-Apr-98 30-Apr-98	1	50	50.0
30-Apr-98 1-May-98	1	60	60.0
1-May-98 5-May-98	4	60	15.0
5-May-98 11-Jun-98	37	1130	30.5
11-Jun-98 30-Jun-98	19	908520	47816.8

SUMMARY STATISTICS OF DOMESTIC FLOW FROM JANUARY 01 - - JUNE 30, 1998

TOTAL:	**1202930**	**gal.**
MIN. DAILY:	**0**	**gal/day**
MAX. DAILY:	**24555**	**gal/day**
AVERAGE DAILY:	**6646**	**gal/day**
STANDARD DEV.:	**6833.8**	

FLOW METER
WINNEBAGO GAS COMPANY-CONDENSATE DISCHARGE METER

DISTRIBUTOR: INVENTRON
LEE ENGINEERING
1522 S. HARVARD
ARLINGTON HTS.,IL 60005
(847)398-7055

ORIGINAL TOTALIZER READING - 10699 01-Jan-98

GAS CONDENSATE DISCHARGE DATA

DISCHARGE DATE	DISCHARGE (gal)	FLOW (gal/hr)
13-Apr-98	1050	600

ATTACHMENT 2

ROCK RIVER WATER RECLAMATION DISTRICT

Industrial User Sewage Flow Meter Calibration

COMPANY NAME: Winnebago Reclamation Service, Inc..
ADDRESS: 8403 Lindenwood Road.
Rockford, IL 61109
PRIMARY CONTACT PERSON: Jeff Theien
TELEPHONE: 874-4806

Rock River Water Reclamation District Ordinance 362, " An Ordinance Enacting A user charge system and providing penalties for violations thereof in the Rock River Water Reclamation District," Article IV, Section s.B.(1)C. requires:

"The industrial, commercial of governmental user shall perform routine maintenance as required and recalibrate all sewage flow meters at least semi-annulally. Such maintenance shall be performed by a factory representative or equivalent third party who shall submit written certification to the District as to any maintenance performed on the sewage flow meter and the accuracy of the flow measurements as a result of the calibration."

RRWRD DISCHARGE NUMBER 1903 FLOW METER LOCATION: MH4 Station 20 Rydberg Rd.
MANUFACTURER: INVENTRON
PRIMARY DEVICE SIZE AND TYPE: 6" Palmer Bowlus Flume

PRIMARY DEVICE INSTALLATION AND MAINTENANCE

		YES	NO
1.	Flume located in straight pipe with no bends or elbows immediately upstream?	X	
2.	Flow Distibuted across channel with no turbulence, waves or foam?	X	
3.	Flow is subject to surcharged condition?		X
4.	Flow is blocked or obstructed?		X
5.	Primary Device properly sized for range of flow ?	X	

CALIBRATION

A. Level in flume 0.00 inches. Maximum Level 4.14 inches
B. Flow reading from meter 0.0 gpm
C. Flow from conversion table 0.0 gpm
D. % Error (B-C/C X 100) 0 %
E. Flow reading from meter after calibration 0.0 gpm
F. Calibration performed by:
Name Thomas C. Lee Company: Lee Engineering Sales Co.
Address 1522 S. Harvard
Arlington Hts., IL 60005 Telephone (847) 398-7055
Date of test: 6-9-98
G. Comments: Found flowmeter locked at 3.00". Restarted. Checked. OK.

CERTIFICATION

I hereby declare that I have calibrated the flow meter and certify that to the best of my knowledge, the meter is recording accurate total discharge volumes.

Thomas C. Lee
Signature

Thomas C. Lee
Print Name

President
Title

6-9-98
Date

ATTACHMENT 3

ROCK RIVER WATER RECLAMATION DISTRICT
Self Monitoring Report Form
(Non-Categorical Significant Industrial Users)
INDICATE THE CORRECT REPORTING PERIOD

SMR-2

From: January 01 *to* June 30 *1998 (Please indicate year)*
(Month/Day) *(Month/Day)*

OMPANY NAME: Winnebago Reclamation Service

DDRESS: 8403 Lindenwood Road *PHONE* 815-874-4806

s set forth in the General Pretreatment Regulations Part 403.12 (h) "The Control Authority shall require appropriate reporting from those Industrial Users ith discharges that are not subject to Categorical Pretreatment Standards..."

GENERAL

I. *If your facility monitors any pollutant more frequently than required by your permit, using test procedures prescribed in 40 CFR 136 or other Rock River Water Reclamation District approved methods, as specified in your permit, the results of such monitoring shall be included in any calculations of actual daily maximum pollutant discharge results and shall be reported in this Self Monitoring Report and submitted to the Rock River Water Reclamation District on a monthly basis.*

The monitoring results obtained shall be summarized and reported on this form. Use additional forms if necessary. The semi-annual self monitoring reports are due on or before the 20th of January and July for the preceding six months, unless otherwise specified in your permit. The report shall indicate the nature and concentration of all pollutants in the effluent for which sampling and analyses were performed. The submission of each report shall include the measured maximum and average daily flows for the report period.

II. *If your permit lists TROP and/or TOPPOC among the pollutants required to be analyzed and you elect to "Certify" attach a copy of your "Certification Statement" with this report. This certification must be provided for each reporting period. In order to "Certify" you must also attach a current Solvent Management Plan or have one one file at the District office. Please indicate below:*

_____ *A Solvent Management Plan for this facility is on file at the District.*

_____ *A Solvent Management Plan is attached.*

X Not applicable

COMPLIANCE CERTIFICATION STATEMENT (PLEASE ANSWER QUESTION I)

I. *Based upon the information reported in this form and my inquiry of those individuals directly responsible for compliance with the applicable pretreatment standards, this facility is [ ], is not [ ] in consistent compliance with these applicable pretreatment standards and requirements.*

II. *If the facility is not in consistent compliance with the applicable pretreatment standards, a separate statement is to be attached to this form detailing what additional operation and maintenance and/or pretreatment is necessary to bring the facility into compliance with those standards. This statement shall satisfy the requirements of the General Pretreatment Regulations [40 CFR, Part 403.12(b)(7)] concerning compliance schedules and be completed by the individuals signing this form.*

III. *I certify that the samples were collected according to 40 CFR 403.12 (b)(5)(iii) and analyzed according to 40 CFR 136. The samples for this report are representative of normal work cycles and the expected pollutant discharges to the RRWRD.*

AUTHORIZED REPRESENTATIVE	*QUALIFIED PROFESSIONAL*
NAME JEFF THEIEN	*NAME* Thomas Hilbert
TITLE SITE OPERATIONS	*TITLE* Engineering
SIGNATURE Jeff Theien	*SIGNATURE* [illegible]
DATE 7-17-98	*DATE* 7-17-98

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ROCK RIVER WATER RECLAMATION DISTRICT

SMR-2

Self Monitoring Report Form

(Non-Categorical Significant Industrial Users)

INDICATE THE CORRECT REPORTING PERIOD

From: January 01 *to* June 30 *1998* *(Please indicate year)*

(Month/Day) *(Month/Day)*

COMPANY NAME: Winnebago Reclamation Service

ADDRESS: 8403 Lindenwood Road *PHONE* 815-874-4806

As set forth in the General Pretreatment Regulations Part 403.12 (h) "The Control Authority shall require appropriate reporting from those Industrial Users with discharges that are not subject to Categorical Pretreatment Standards..."

A. GENERAL

I. If your facility monitors any pollutant more frequently than required by your permit, using test procedures prescribed in 40 CFR 136 or other Rock River Water Reclamation District approved methods, as specified in your permit, the results of such monitoring shall be included in any calculations of actual daily maximum pollutant discharge results and shall be reported in this Self Monitoring Report and submitted to the Rock River Water Reclamation District on a monthly basis.

The monitoring results obtained shall be summarized and reported on this form. Use additional forms if necessary. The semi-annual self monitoring reports are due on or before the 20th of January and July for the preceding six months, unless otherwise specified in your permit. The report shall indicate the nature and concentration of all pollutants in the effluent for which sampling and analyses were performed. The submission of each report shall include the measured maximum and average daily flows for the report period.

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_____ *A Solvent Management Plan for this facility is on file at the District.*

_____ *A Solvent Management Plan is attached.*

X Not applicable

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II. If the facility is not in consistent compliance with the applicable pretreatment standards, a separate statement is to be attached to this form detailing what additional operation and maintenance and/or pretreatment is necessary to bring the facility into compliance with those standards. This statement shall satisfy the requirements of the General Pretreatment Regulations [40 CFR, Part 403.12(b)(7)] concerning compliance schedules and be completed by the individuals signing this form.

III. I certify that the samples were collected according to 40 CFR 403.12 (b)(5)(iii) and analyzed according to 40 CFR 136. The samples for this report are representative of normal work cycles and the expected pollutant discharges to the RRWRD.

AUTHORIZED REPRESENTATIVE	*QUALIFIED PROFESSIONAL*
NAME _____	*NAME* _____
TITLE _____	*TITLE* _____
SIGNATURE _____	*SIGNATURE* _____
DATE _____	*DATE* _____

bcl forms\selfmon.non

NATIONAL ENVIRONMENTAL TESTING, INC.

Bartlett Division
850 West Bartlett Rd.
Bartlett, IL 60103
Tel: (630) 289-3100
Fax: (630) 289-5445

Rockford Division
3548 35th Street
Rockford, IL 61109
Tel: (815) 874-2171
Fax: (815) 874-5622
(800) 807-2877

ANALYTICAL REPORT

Mr. John Lichty
WINNEBAGO RECLAMATION
4920 Forest Hills
Rockford, IL 61111

02/16/1998

NET Job Number: 98.01376

Client Project ID:

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Prep Batch No.	Run Batch No.	Method Reference
SAMPLE NO. 456486 — SAMPLE DESCRIPTION: Rydberg Road/MH #4, Water — DATE-TIME TAKEN: 02/04/1998 10:30									
COD, Total	2,420		mg/L	<20	02/10/1998	ttl		910	410.4(3), 5220 (
N-Ammonia	1,170		mg/L	<0.50	02/13/1998	mas		868	350.2(3)
O&G, Non-Polar (Hydrocarbon)	6		mg/L	<5	02/13/1998	tdw		772	5520B(4)/5520F(4
Oil & Grease	17		mg/L	<5	02/12/1998	ttl		771	413.1(3)
BOD - Five Day	177		mg/L	<2.0	02/04/1998	efw		1115	405.1 (3)

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Fax: (815) 874-5622
(800) 807-2877

ANALYTICAL REPORT

Mr. Jeff Theien
WINNEBAGO RECLAMATION
4920 Forest Hills
Rockford, IL 61111

02/10/1998

NET Job Number: 98.01136

Client Project ID:

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Prep Batch No.	Run Batch No.	Method Reference
SAMPLE NO. 455761	**SAMPLE DESCRIPTION Rydberg Road/MH #4, Water**								**DATE-TIME TAKEN 01/29/1998 14:10**
COD, Total	5,720		mg/L	<20	02/03/1998	ttl		907	410.4(3), 5220 (
BOD - Five Day	800		mg/L	<2.0	01/29/1998	efw		1112	405.1 (3)
FOG, Polar	96	PRES	mg/L	<5.0	02/09/1998	jrs		921	5520F (4)
FOG, Non-Polar	608	PRES	mg/L	<5.0	02/09/1998	jrs		921	5520F (4)
Nitrogen, Ammonia	1,350		mg/L	<0.50	02/05/1998	jrs		349	4500BCE (4)

PRES : Sample was not properly preserved on receipt.

NATIONAL ENVIRONMENTAL TESTING, INC.

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Mr. Tom Hilbert
WINNEBAGO RECLAMTAION SERV
8403 Lindenwood Road
Rockford, IL 61109

06/19/1998

NET Job Number: 98.07856

IEPA Cert. No.: 100221
WDNR Cert. No.: 999447130
A2LA Cert. No.: 0453-01

Enclosed is the Analytical and Quality Control reports for the following samples submitted to Bartlett Division of NET, Inc. for analysis.

Project Description:

Sample Number	Sample Description	Date Taken	Date Received
478656	Rydberg Road Manhole #4	06/11/1998	06/11/1998

Sample analysis in support of the project referenced above has been completed and results are presented on the following pages. These results apply only to the samples analyzed. Reproduction of this report only in whole is permitted. Please refer to the enclosed "Key to Abbreviations" for definition of terms. Procedures used follow NET Standard Operating Procedures which reference the methods listed on your report. Should you have questions regarding procedures or results, please do not hesitate to call. NET has been pleased to provide these analytical services for you.

This Quality Control report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

Approved by:
Mary Pearson

Mary Pearson
Project Manager

NATIONAL ENVIRONMENTAL TESTING, INC.

Bartlett Division
850 West Bartlett Rd.
Bartlett, IL 60103
Tel: (630) 289-3100
Fax: (630) 289-5445

Rockford Division
3548 35th Street
Rockford, IL 61109
Tel: (815) 874-2171
Fax: (815) 874-5622
(800) 807-2877

ANALYTICAL REPORT

Mr. Tom Hilbert
WINNEBAGO RECLAMTAION SERV
8403 Lindenwood Road
Rockford, IL 61109

06/19/1998

Sample No. : 478656

NET Job No.: 98.07856

Sample Description: Rydberg Road Manhole #4

Date Taken: 06/11/1998
Time Taken: 10:55

Date Received: 06/11/1998
Time Received: 16:20

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
BOD, Five Day	458		mg/L	2	06/13/1998	efw	EPA 405.1
COD, Total	4,600		mg/L	20	06/18/1998	kaf	410.4(3), 5220 (4)
N-Ammonia	590		mg/L	0.50	06/17/1998	kaf	SM 4500-NH3 B,H
O&G, Non-Polar (Hydrocarbon)	<5		mg/L	5	06/19/1998	nwg	5520B(4)/5520F(4)
Oil & Grease, Polar	5		mg/L	5	06/19/1998	nwg	EPA 413.1

NET Midwest, Bartlett Division

KEY TO ABBREVIATIONS and METHOD REFERENCES

<	:	Less than; When appearing in the results column indicates the analyte was not detected at or above the reported value.
mg/L	:	Concentration in units of milligrams of analyte per liter of sample. Measurement used for aqueous samples. Can also be expressed as parts per million (ppm).
ug/g	:	Concentration in units of micrograms of analyte per gram of sample. Measurement used for non-aqueous samples. Can also be expressed as parts per million (ppm) or mg/Kg.
ug/L	:	Concentration in units of micrograms of analyte per liter of sample. Measurement used for aqueous samples. Can also be expressed as parts per billion (ppb).
ug/Kg	:	Concentration in units of micrograms of analyte per kilogram of sample. Measurement used for non-aqueous samples. Can also be expressed as parts per billion (ppb).
TCLP	:	These initials appearing in front of an analyte name indicate that the Toxicity Characteristic Leaching Procedure (TCLP) was performed for this test.
Surr:	:	These initials are the abbreviation for surrogate. Surrogates are compounds that are chemically similar to the compounds of interest. They are part of the method quality control requirements.
%	:	Percent; To convert ppm to %, divide the result by 10,000. To convert % to ppm, multiply the result by 10,000.
ICP	:	Indicates analysis was performed using Inductively Coupled Plasma Spectroscopy.
AA	:	Indicates analysis was performed using Atomic Absorption Spectroscopy.
GFAA	:	Indicates analysis was performed using Graphite Furnace Atomic Absorption Spectroscopy.
PQL	:	Practical Quantitation Limit; the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions.

Method References

(1) Methods 1000 through 9999: see "Test Methods for Evaluating Solid Waste", USEPA SW-846, 3rd Edition, 1986.

(2) ASTM "American Society for Testing Materials"

(3) Methods 100 through 499: see "Methods for Chemical Analysis of Water and Wastes", USEPA, 600/4-79-020, Rev. 1983.

(4) See "Standard Methods for the Examination of Water and Wastewater", 17th Ed, APHA, 1989.

(5) Methods 600 through 625: see "Guidelines Establishing Test Procedures for the Analysis of Pollutants", USEPA Federal Register Vol. 49 No. 209, October 1984.

(6) Methods 500 through 599: see "Methods for the Determination of Organic Compounds in Drinking Water," USEPA 600/4-88/039, Rev. 1988.

(7) See "Methods for the Determination of Metals in Environmental Samples", Supplement I EPA-600/R-94/111, May 1994.

(8) See "Standard Methods for the Examination of Water and Wastewater", 18th Ed., APHA, 1992.

(9) Methods 1000 through 9999: see "Test Methods for Evaluating Solid Waste", USEPA SW-846, 3rd Edition, 1986, Including Updates I and II.

(10) This method is from the 2nd Edition of "Test Methods for Evaluating Solid Waste", USEPA SW-846. It has been dropped from the 3rd Edition, 1986.

NATIONAL ENVIRONMENTAL TESTING, INC.

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850 West Bartlett Rd.
Bartlett, IL 60103
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Mr. Tom Hilbert
WINNEBAGO RECLAMTAION SERV
8403 Lindenwood Road
Rockford, IL 61109

07/07/1998

NET Job Number: 98.08361

IEPA Cert. No.: 100221
WDNR Cert. No.: 999447130
A2LA Cert. No.: 0453-01

Enclosed is the Analytical and Quality Control reports for the following samples submitted to Bartlett Division of NET, Inc. for analysis.

Project Description:

Sample Number	Sample Description	Date Taken	Date Received
480369	Winnebago Rec (Grab)	06/24/1998	06/24/1998

Sample analysis in support of the project referenced above has been completed and results are presented on the following pages. These results apply only to the samples analyzed. Reproduction of this report only in whole is permitted. Please refer to the enclosed "Key to Abbreviations" for definition of terms. Procedures used follow NET Standard Operating Procedures which reference the methods listed on your report. Should you have questions regarding procedures or results, please do not hesitate to call. NET has been pleased to provide these analytical services for you.

This Quality Control report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

Approved by:

Mary Pearson

Mary Pearson
Project Manager

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ANALYTICAL REPORT

Mr. Tom Hilbert
WINNEBAGO RECLAMTAION SERV
8403 Lindenwood Road
Rockford, IL 61109

07/07/1998

Sample No. : 480369

NET Job No.: 98.08361

Sample Description: Winnebago Rec (Grab)

Date Taken: 06/24/1998
Time Taken: 11:10

Date Received: 06/24/1998
Time Received: 12:40

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
Cyanide, total	0.028		mg/L	0.005	07/02/1998	out	335.2(3) 9010(1)

NET Midwest, Bartlett Division

KEY TO ABBREVIATIONS and METHOD REFERENCES

<	:	Less than; When appearing in the results column indicates the analyte was not detected at or above the reported value.
mg/L	:	Concentration in units of milligrams of analyte per liter of sample. Measurement used for aqueous samples. Can also be expressed as parts per million (ppm).
ug/g	:	Concentration in units of micrograms of analyte per gram of sample. Measurement used for non-aqueous samples. Can also be expressed as parts per million (ppm) or mg/Kg.
ug/L	:	Concentration in units of micrograms of analyte per liter of sample. Measurement used for aqueous samples. Can also be expressed as parts per billion (ppb).
ug/Kg	:	Concentration in units of micrograms of analyte per kilogram of sample. Measurement used for non-aqueous samples. Can also be expressed as parts per billion (ppb).
TCLP	:	These initials appearing in front of an analyte name indicate that the Toxicity Characteristic Leaching Procedure (TCLP) was performed for this test.
Surr:	:	These initials are the abbreviation for surrogate. Surrogates are compounds that are chemically similar to the compounds of interest. They are part of the method quality control requirements.
%	:	Percent; To convert ppm to %, divide the result by 10,000. To convert % to ppm, multiply the result by 10,000.
ICP	:	Indicates analysis was performed using Inductively Coupled Plasma Spectroscopy.
AA	:	Indicates analysis was performed using Atomic Absorption Spectroscopy.
GFAA	:	Indicates analysis was performed using Graphite Furnace Atomic Absorption Spectroscopy.
PQL	:	Practical Quantitation Limit; the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions.

Method References

(1) Methods 1000 through 9999: see "Test Methods for Evaluating Solid Waste", USEPA SW-846, 3rd Edition, 1986.

(2) ASTM "American Society for Testing Materials"

(3) Methods 100 through 499: see "Methods for Chemical Analysis of Water and Wastes", USEPA, 600/4-79-020, Rev. 1983.

(4) See "Standard Methods for the Examination of Water and Wastewater", 17th Ed, APHA, 1989.

(5) Methods 600 through 625: see "Guidelines Establishing Test Procedures for the Analysis of Pollutants", USEPA Federal Register Vol. 49 No. 209, October 1984.

(6) Methods 500 through 599: see "Methods for the Determination of Organic Compounds in Drinking Water," USEPA 600/4-88/039, Rev. 1988.

(7) See "Methods for the Determination of Metals in Environmental Samples", Supplement I EPA-600/R-94/111, May 1994.

(8) See "Standard Methods for the Examination of Water and Wastewater", 18th Ed., APHA, 1992.

(9) Methods 1000 through 9999: see "Test Methods for Evaluating Solid Waste", USEPA SW-846, 3rd Edition, 1986, Including Updates I and II.

(10) This method is from the 2nd Edition of "Test Methods for Evaluating Solid Waste", USEPA SW-846. It has been dropped from the 3rd Edition, 1986.