

DURACELL INC.
NORTH TARRYTOWN, NEW YORK

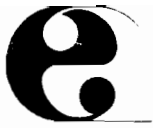
ADDENDUM TO THE CERTIFICATION REPORT
FOR CLOSURE OF THE DURACELL INC. FACILITY
NORTH TARRYTOWN, NEW YORK

JULY 1992

JUL 24 1992

EDER ASSOCIATES
CONSULTING ENGINEERS, P.C.
Locust Valley, New York
Madison, Wisconsin
Ann Arbor, Michigan
Augusta, Georgia

071492



eder associates
consulting engineers, p. c.

OFFICES:
Locust Valley, NY
Madison, WI
Ann Arbor, MI
Augusta, GA

July 22, 1992
File #425-1

Mr. Michael J. O'Toole, Jr.
Director
Division of Hazardous Waste Remediation
New York State Department of
Environmental Conservation
50 Wolf Road, Room 212
Albany, New York 12233-4010

Dear Mr. O'Toole:

Enclosed are two copies of our "Addendum to the Certification Report for Closure of the Duracell Inc. Facility, North Tarrytown, New York". The addendum is submitted in accordance with paragraph VI of the Order on Consent W3-0150-87111 as modified by the letter of June 7, 1991, from Rocky J. Piaggione, Esq. to Daniel Riesel, Esq.

I certify that all work tasks were performed as described in the addendum.

This submission together with the Certification Report submitted November 20, 1991 and our letter of April 15, 1992, completes the documentation required by the Consent Order that all work was done in accordance with the Work Plan.

Very truly yours,

EDER ASSOCIATES CONSULTING ENGINEERS, P.C.

Joseph B. Hellmann

Joseph B. Hellmann, P.E.
Vice President
Senior Environmental Engineer

JBH/mw
Enc.

cc: R. Paggione, Esq.
R. Manna
G.A. Carlson
R. Knizek
G. Dwyer, Esq.
G. Wallis
K. Forrest
D. Riesel, Esq.
P. Esterman, Esq.

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1	Stockpile Hazardous Waste Characteristics
2	Results of Post Demolition Soil Sampling at Manhole No. 2 1990

LIST OF DRAWINGS

<u>No.</u>	<u>Description</u>
1	Soil Sampling Results
2	Excavation Contours and Post-Excavation Sampling

I. INTRODUCTION

Duracell Inc. owns a former battery manufacturing plant located at 60 Elm Street in North Tarrytown, New York and in 1988 executed Order on Consent W3-0150-8771 with the New York State Department of Environmental Conservation (DEC) for closure of the facility. The Work Plan of the Order, as amended June 6, 1991, was completed in August 1991. Eder Associates Consulting Engineers, P.C. (EA) prepared the "Certification Report for Closure of the Duracell Inc. Facility, North Tarrytown, New York", November 1991, to certify that all work tasks were performed in accordance with the Work Plan. The Certification Report was submitted to the New York State Department of Environmental Conservation (DEC) on November 20, 1991.

This report amends the Certification Report and documents the additional on-site soil investigation and remediation performed between September 1991 and July 1992, which exceeded the remedial program of the Consent Order.

On-site soil remediated under the Consent Order was located principally within the south half of the property and at a few other isolated locations. Excavation and backfilling within these areas was completed in November 1990. Top soil was placed and graded, and the site was seeded in 1991.

Discarded batteries were uncovered within a 400 square foot area at the north end of the property during the grading operations. Since the batteries were buried, there was no prior risk of human exposure. The affected area was excavated in September 1991 and post-excavation soil sampling was performed to document that the remaining soil was in compliance with remediation

criteria of 35-45 mg/kg. Excavated materials were disposed of at a RCRA permitted landfill.

Duracell authorized EA to perform further investigations of on-site soil conditions outside the areas which had been remediated. These investigations, performed between October 1991 and March 1992, identified an area within the envelope of the former buildings where soil mercury concentrations exceeded the remediation criteria. Soil in this area was excavated between February 1992 and April 1992. Post excavation soil sampling was performed to document that the remaining soil was in compliance with remediation criteria. Excavated materials were disposed of at a RCRA permitted landfill. All excavated areas were backfilled with clean borrow material before topsoil was placed, graded, and seeded.

II. REMOVAL OF DISCARDED BATTERIES

Duracell's former battery manufacturing plant consisted of six buildings whose envelopes are shown on Drawing No. 2. Discarded batteries were uncovered at the north end of Buildings 2 and 5 within a 400 square foot (SF) area. The batteries were small button type batteries and were intact. They did not show evidence of leakage, although most had surface corrosion. The area where batteries were discovered and surrounding perimeter area, a total of about 700 SF, were excavated on September 5, 1991 to remove all visible batteries. Excavation was performed to a depth of 36 inches below grade within the area where batteries were discovered. The perimeter area was excavated to a depth of six inches. Fifty cubic yards of excavated material was stockpiled on and covered by polyethylene sheeting.

Post excavation soil samples were collected on September 5, 1991 at four locations, S-1 through S-4 indicated on Drawing No. 3, to a depth of 6 inches below excavated grade and analyzed for mercury content. All samples were below the remediation criteria of 35-45 mg/Kg as follows:

Sample Identification	Mercury Content (mg/Kg)
S-1	3.8
S-2	0.75
S-3	6.1
S-4	0.70

A composite sample, designated S-5, was also collected from the stockpile on September 5, 1991 for analysis of hazardous waste characteristics to secure approval for disposal. The results, summarized in Table 1, show that the stockpile is non-hazardous.

Duracell decided to dispose of the stockpile at a RCRA permitted hazardous waste disposal facility because of the batteries.

EA proposed to dispose of the stockpile at the Envirosafe Services, Inc. (Envirosafe) facility located in Oregon, Ohio, by updating the existing Waste Product Questionnaire of May 11, 1990 for the prior disposal of on-site soil excavated under the Consent Order. The existing Questionnaire, Application #5894, provided for the disposal of 2,000 cubic yards (c.y.) of soil containing cadmium and mercury, EPA Hazardous waste codes D006 and D009, respectively, product Code Number (PCN) 2246 AT*. EA requested that PCN 2246 AT be amended to include an additional 100-200 cubic yards of soil containing mercury (D009). EPA hazardous waste code D006 was not applicable since the TCLP leachate cadmium concentration was below detectable limits. Envirosafe requested that the additional soil be tested for mercury content. A second composite sample of the stockpile, designated SP-1, was collected on September 23, 1991. The mercury concentration was 16.3 mg/Kg. Envirosafe accepted the additional soil for disposal as Generator Stream Number (GSN) 10457002 and it was removed on December 3, 1991.

Waterman Wrecking Co., Inc. of Pleasant Valley, New York performed the excavation, stockpiling and loading of trucks. EA performed air monitoring during the work in accordance with the methods specified in Quality Assurance Project Plan, Attachment E of Appendix B of the Order to document compliance with air quality standards.

Sampling and analysis methodologies, laboratory reports and copies of the Waste Product Questionnaire modification, letter of acceptance, disposal contract document and Hazardous Waste Manifests are presented in Appendix A.

* Refer to Appendix E of Certification Report.

III. ADDITIONAL ON-SITE SOIL INVESTIGATION

Post demolition soil sampling within the envelope of buildings was performed, under the Consent Order, between January and April, 1990. Mercury concentrations of soil samples were below the remediation criteria except within the envelope of Building 6, and in several isolated samples. Extensive soil sampling was performed within the envelope of Building 6 and at the isolated locations of exceedances to define the areas requiring remediation. The areas were remediated and post excavation soil sampling, under the Consent Order, demonstrated that mercury concentration of remaining soils within remediation areas were below the remediation criteria.

Duracell authorized EA to perform further investigations of soil conditions within and around the envelopes of Buildings 1 through 5, because of the discovery of the discarded batteries. The investigation included soil gas mercury concentration measurements, to identify locations where soil mercury concentrations could potentially exceed remediation criteria, followed by confirmatory soil sampling and mercury analysis.

Soil gas mercury concentration measurements were performed between September 23 and October 25, 1991. The envelopes of buildings 1 through 5 were overlain by a grid system at 10 to 20 foot spacing and soil gas mercury concentrations measurements were made at the grid nodes and intermediate locations to define the extent of elevated soil gas mercury concentrations. The measurements were performed by driving a bar 12 inches below grade, removing it, and inserting the suction line of a direct reading mercury vapor detector into the hole. The detector was either a Bacharach Model MV-2 or a Jerome Model 411 mercury vapor analyzer. The maximum reading on the instrument was recorded for each measurement. The highest soil gas mercury concentrations occurred

within Building 3, and at the south ends of Buildings 2, 4 and 5. Soil gas mercury concentrations were lower or below detectable limits within Building 1 and the northern parts of Buildings 2, 4 and 5, except at one isolated location, which had been remediated under the Consent Order. Adjacent to this location, soil gas mercury concentrations were low. The isolated measurement is considered an anomaly and does not require further investigation nor remediation.

Soil gas mercury concentrations were also made within the areaway and were elevated. The areaway had been remediated under the Consent Order by excavating to a depth of about six feet below grade and backfilling with clean borrow material. Post excavation soil samples collected in the vicinity of these locations, prior to backfilling, were below remediation criteria. It is presumed that the elevated soil gas mercury concentrations within the areaway were due to carry over of soil with elevated mercury content from adjacent areas during remediation.

Confirmatory soil sampling and analyses for mercury content were performed between October 4, 1991 and February 7, 1992 within and around the areas where elevated soil gas mercury concentrations occurred. Soil sampling locations are shown on Drawing No. 1. Sampling and analysis methodologies and laboratory reports are presented in Appendix B. Soil samples were collected in six inch intervals at depths ranging from 6 to 48 inches below grade. Soil mercury contents are summarized on Drawing No. 1.

The shading on Drawing No. 1 indicates contiguous locations within the building envelopes where soil mercury content exceeded the remediation criteria. Soil samples were also collected at three locations in the areaway and at one location in the southeast yard area which had been remediated under the Consent Order. The mercury content of these samples were below the remediation criteria except at location E-25.5 in the areaway.

IV. ADDITIONAL ON-SITE SOIL REMEDIATION
AND POST EXCAVATION SOIL SAMPLING

Successive soil excavations were performed between February 26 and April 15, 1992, within the area requiring remediation as defined by the additional investigation. The depth of excavation was measured and sampling for mercury analyses were performed after each excavation episode. Drawing No. 2 shows the final excavation contours, locations of post excavation soil samples and the mercury content of remaining soil. All post excavation soil samples were below the remediation criteria.

Excavated soil was placed directly into haul trucks. A total of 725 tons of excavated soil was disposed of at the Envirosafe facility located in Oregon, Ohio. The soil was accepted as an amendment to GSN 10457002. Copies of the letters of acceptances and Hazardous Waste Manifests are presented in Appendix C. Post excavation sampling and analysis methodologies and laboratory reports are presented in Appendix D.

Waterman Wrecking Co., Inc. of Pleasant Valley, New York performed the excavation and loading of trucks. EA performed air monitoring during the work in accordance with the methods specified in Quality Assurance Project Plan, Attachment E of Appendix B of the Order to document compliance with air quality standards.

The excavation was backfilled with borrow materials from a road construction site which was stockpiled at a New York State Department of Transportation yard located in Millwood, New York. The borrow materials were sampled prior to acceptance and analyzed for priority pollutant metals, volatile organic compounds (VOCs) and base neutral and extractable (BNA) compounds. Sampling and

analysis methodologies and laboratory reports are presented in Appendix E.

The material was brown fine sand with a trace of gravel and did not exhibit odor or visible evidence of staining. Samples of the stockpile were collected on May 11, 1992. One sample was analyzed for VOCs and an equal weight composite of the samples was analyzed for metals and BNAs. Metal concentrations were characteristic of virgin soils with the exception of selenium. VOCs and BNAs were below detectable limits except for a probable laboratory artifact. The laboratory was requested to analyze each individual sample for selenium. The selenium content of each sample exceeded the content expected in virgin soils. The selenium analyses were performed by the ICP, EPA Method 6010, which could result in possible false positive interferences by iron and arsenic. The stockpile was resampled on June 8, 1992 and an equal volume composite was analyzed by two other laboratories for selenium using different analytical methods. The selenium content of both composite samples was below detectable limits.

The material was considered acceptable and backfilling was completed in early July, 1992. The site was graded and seeded by the middle of July, 1992. S.J. Jones and Sons, Inc., Croton, New York was the general contractor for backfilling, grading and seeding.

DURACELL INC.
NORTH TARRYTOWN, NEW YORK

TABLE 1

STOCKPILE
HAZARDOUS WASTE CHARACTERISTICS

Parameter	Units	Measurement	Hazardous Waste Characteristic
TCLP Metals			
Arsenic	mg/L	<0.10	5.0
Barium	mg/L	0.54	100.0
Cadmium	mg/L	<0.005	1.0
Chromium	mg/L	<0.010	5.0
Lead	mg/L	<0.050	5.0
Mercury	mg/L	0.007	0.2
Selenium	mg/L	<0.010	1.0
Silver	mg/L	<0.014	5.0
Reactivity			
Reactive Cyanide	mg/Kg	<0.68	250*
Reactive Sulfide	mg/Kg	<2.7	500*
Ignitability	°F	>200	NA
Corrosivity (pH)		non-corrosive (7.6)	NA

NOTES:

Sample S-5 collected September 5, 1991

NA - Not Applicable

* EPA Action Level.

TCLP - Toxicity Characteristic Leaching Procedure

DURACELL INC.
NORTH TARRYTOWN, NEW YORK

TABLE 2

RESULTS OF POST DEMOLITION
SOIL SAMPLING AT MANHOLE NO. 2
1990

Location	Depth Below Grade (inches)	Mercury Control (mg/kg)
S-9	12-24	1.8
	24-36	1.4
	36-48	2.2
	48-60	1.3
S-306	60-78	1.4
	120-138	2.2
	180-198	1.3
	240-258	2.1
S-3073	60-78	4.5
	120-138	2.0
	180-198	1.0
	240-258	1.2
S-308	60-78	4.9
	120-138	4.4
	180-198	1.9
	240-258	1.6
S-309	60-78	1.2
	120-138	0.8
	180-198	1.3
	240-258	2.1
S-310	60-78	17.5
	120-138	1.3
	180-198	3.2
	240-258	2.7
S-311	60-72	7.7
	120-132	1.8
	180-192	1.1
	240-264	1.6

APPENDIX A

REMOVAL OF DISCARDED BATTERIES

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<u>Description</u>	<u>No. of Pages</u>
Soil Sampling and Analysis Methodologies	1
Laboratory Reports	5
Waste Product Questionnaire Application #5894 Modification	2
Letter of Acceptance - November 5, 1992	1
Disposal Contract - November 5, 1992	5
Hazardous Waste Manifests - December 3, 1992	4

NOTE:

The modification includes waste materials from Residential Cleaning as discussed in the Certification Report and letter of April 15, 1992.

SOIL SAMPLING AND ANALYSIS METHODOLOGIES

Post excavation soil samples and stockpile samples were collected on September 5, 1991. Post excavation soil samples were collected at each location from 0 to 6 inches below grade. Stockpile samples were collected at eight equidistant locations around the pile from 0 to 6 inches below the surface and composited on an equal volume basis. A precleaned stainless steel trowel was used to collect the samples. The trowel was washed with a detergent solution and rinsed with distilled water prior to collecting each post excavation soil sample and the stockpile samples. Samples were collected in precleaned laboratory furnished containers. Post excavation soil samples were collected in 250 ml glass containers with teflon lined lids and transported the same day to Esarco, Inc., Irvington, New York for mercury analysis. The composite stockpile sample was collected in a one quart plastic container, which was placed in an overpack and shipped by overnight courier to C.T.M. Analytical Laboratories, Latham, New York.

Stockpile samples were collected on September 23, 1991 from 0 to 6 inches below the surface at four equidistant locations around the pile and composited on an equal volume basis. The samples were collected using a stainless steel trowel which was washed with a detergent solution and rinsed with distilled water prior to use. The composite sample was collected in a precleaned laboratory furnished with 250 ml glass containers with teflon lined caps and transported to Esarco on the same day.

Esarco, Inc. analyzed the samples for mercury in accordance with "Test Methods for Evaluating Solid Wastes," EPA SW-846: Method 7471: Manual cold vapor technique. C.T.M. Analytical Laboratories analyzed the stockpile samples for hazardous waste characteristics and the methods are presented in the laboratory report.

ESARCO INC.

TEL: (914) 591-9010

50 SOUTH BUCKHOUT STREET, IRVINGTON, N.Y. 10533

Sept. 6, 1991

Mr. Brian Pendergast
Eder Associates, P. C.
85 Forest Avenue
Locust Valley, N. Y. 11560

Dear Mr. Pendergast:

Following are the results of analysis performed on samples of soil received from Duracell on Sept. 5, 1991:

Sample ID No	Total Mercury, mg/kg
9/5/91 S - 1	6.44
	1.21 Avg. 3.83
S - 2	0.75
S - 3	6.07
S - 4	0.91
	0.48 0.70

Please do not hesitate to contact us if there are any questions. Thankyou.

Very truly yours,
ESARCO, Inc.



Ling L. Chu

LLC:jl

ESARCO INC.

TEL: (914) 591-9010

50 SOUTH BUCKHOUT STREET, IRVINGTON, N.Y. 10833

Sept. 25, 1991

Mr. Brian Pendergast
Eder Associates, P. C.
85 Forest Avenue
Locust Valley, N. Y. 11560

Re: Mercury Analysis - soil Sample
Project No. 425-1, Duracell

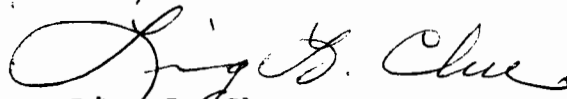
Dear Mr. Pendergast:

Following is the result of analysis performed on
1 sample of soil received on 9/23/91 - 3:50pm, 1991:

Sample ID	Mercury T. Hg, mg/kg
9/23/91 SP - 1	18.6
Stockpiled Soil	14.0
Average	16.3

Please do not hesitate to contact us if there are
any questions. Thanks.

Very truly yours,
ESARCO, Inc.


Ling L. Chu

LLC:jl
encl.

RECEIVED AT EA SEP 27 1991
FILE: 425-1
WFE _____
SGG _____
OTHER _____

CTM ANALYTICAL LABS, LTD.
15 Century Hill Dr.
Latham, NY 12110
Phone: (518)786-7100 Fax: (518)786-7139

Laboratory Analysis Report
Prepared for: EDER ASSOCIATES P.C.
Project Number: 91.01180
Task Number: 310906H
20 SEP 1991

IMPORTANT - PLEASE NOTE

1. All results are calculated on a dry weight basis unless otherwise specified.
2. Reporting Limits for volatile and semivolatile organic compounds are expressed as Practical Quantitation Limits.
3. A result with a "D" means that the result was "Detected" below the Practical Quantitation Limit (PQL), but above the Method Detection Limit (MDL).

RECEIVED AT EA SEP 25 1991
FILE NO 425-1
NO
OTHER

CERTIFICATIONS:

NYS E.L.A.P. ID NO: 10358
NO: 73551

MA: NY052
PA: 68-402

CT: FH-0551
NH: 199014-C

EDER ASSOCIATES P.C.
 85 FOREST AVENUE
 LOCUST VALLEY NY 11560

CTM PROJECT #: 91.01180

Attention: MR. ERIC PENDERGAST

CTM Task #: 910906H

Purchase Order Number: 425-1
 Date Sampled: 09/05/91 Time: 12:30 PM
 Sampled By: PENDERGAST
 Sample Id: S-5
 Location: N.TARRYTOWN/S-5 TROWEL

CTM Sample No: 910906H 01
 Date Received: 09/06/91
 Collection Method: COMPOSITE
 Matrix: SOIL

Parameters and Standard Methodology Used	Results	Analyst Reference
ARSENIC, BY TCLP SW-846 METHOD 1311	<0.10 MG/L	A3:77 9/12/91
BARIUM, BY TCLP SW-846 METHOD 1311	0.54 MG/L	A3:77 9/12/91
CADMIUM, BY TCLP SW-846 METHOD 1311	<0.005 MG/L	A3:77 9/12/91
CHROMIUM, BY TCLP SW-846 METHOD 1311	<0.010 MG/L	A3:77 9/12/91
LEAD, BY TCLP SW-846 METHOD 1311	0.050 MG/L	A3:77 9/12/91
MERCURY, BY TCLP SW-846 METHOD 1311	0.007 MG/L	CS:135 9/12
SELENIUM, BY TCLP SW-846 METHOD 1311	<0.010 MG/L	A3:77 9/12/91
SILVER, BY TCLP SW-846 METHOD 1311	<0.014 MG/L	A3:77 9/12/91
MERCURY PREPARATION - TCLP SW-846 METHOD 1311	COMPLETED	D7:72 9/11
TCLP EXTRACTION SW-846 METHOD 1311	COMPLETED	D7:67 9/10
ACID DIGESTION ON TCLP EXTRACTS SW-846 3010	COMPLETED	D7:70 9/11
REACTIVE CYANIDE SW-846 METHOD 7.3.3.2	<0.68 MG/KG	PK 9/19
REACTIVE SULFIDE SW-846 METHOD 7.3.4.2	<2.7 MG/KG	PK B:96 9/17
REACTIVE CYANIDE DISTILLATION SW-846 METHOD 7.3.3.2	COMPLETED	CC 9/16
IGNITABILITY EPA METHOD-1010	>200 °F	CC 9/18/91
PH FOR SOLIDS MEASURED IN H2O SW-846 3045	7.6 SU NON CORROS	CC 9/16
WATER EXTRACTION	COMPLETED	CC 9/16
% SOLIDS CLP SOW 4/89	90 %	PK 9/10

REMARKS:

AUTHORIZED FOR RELEASE:

T. Intell

LEGEND: (< = LESS THAN, > = GREATER THAN
 MG/KG=PPM, MCG/KG=PPB, MG/L=PPM, MCG/L=PPB, MCG/G=PPM
 D = RESULT IS < PQL, BUT > MDL

CTM Analytical Laboratories, Ltd.

F . Y . I .

YOUR TCLP RESULTS HAVE BEEN BIAS CORRECTED

In June 1990, the EPA modified analytical quality assurance requirements for TCLP to include a bias correction. Labs are now required to spike one sample in each analytical batch of extracts, from similar matrices, and bias correct the results, i.e., if the actual result for your sample was 5.0 mg/l and the batch spike recovery for that analyte was 50%, the bias corrected result reported would be 10.0 mg/l. One possible shortcoming with this approach is that the one batch spike recovery may not reflect the true recovery for each sample, since no two sample matrices are identical.

CTM Laboratories has taken the new requirement one step further by spiking each sample extract. This step assures that the bias correction will be sample specific and further improves the accuracy of your results.



ENVIROSAFE SERVICES OF OHIO, INC.
 FEDERAL 40 CFR 268 LAND DISPOS
 RESTRICTIONS HSWA WASTE PROFILE

GENERATOR-STREAM NUMBER
 [] [] [] [] - [] [] []

Generator: Duracell Inc. Waste: Soil and Housecleaning Waste

- At the time of shipment, will the waste described herein contain **FREE LIQUIDS** as determined by the Paint Filter Test (EPA SW-846 Method 9095) ?
 YES NO (there are no free liquids present)
- If the answer to #1 was YES, list the concentration of metals and free cyanides in the liquid:
 _____ Arsenic mg/L _____ Cadmium mg/L _____ Chromium mg/L
 _____ Lead mg/L _____ Mercury mg/L _____ Nickel mg/L
 _____ Selenium mg/L _____ Thallium mg/L _____ Cyanide(free) mg/L
- Indicate if the waste or treatment residue contains any of the following **HALOGENATED** compounds :
 Yes No PCB's (Polychlorinated Biphenyls) 50 parts per million (ppm) or greater
 Yes No HOC's (Halogenated Organic Compounds) listed in Appendix 3 to 40 CFR 268 at ≥1000 ppm
- Indicate by circling if waste or treatment residue contains any of the following **DIOXIN** codes in 40 CFR 261:
 F020•F021•F022•F023•F026•F027•F028 The waste described herein contains **NONE** of these HW#'s
- Indicate by circling if waste or treatment residue contains any of the following **SOLVENT** codes in 40 CFR 261:
 F001 • F002 • F003 • F004 • F005 The waste described herein contains **NONE** of these HW#'s
- Indicate if waste or treatment residue contains any of the following **CHEMICAL CONSTITUENTS** and provide the concentration below:
 The waste described herein contains **NONE** of these chemicals
 _____ Acetone _____ 1,2-Dichlorobenzene _____ Methyl Ethyl ketone _____ Trichlorotrifluoroethane
 _____ Butanol _____ Ethyl Acetate _____ Methyl Isobutyl Ketone _____ Trichloroethylene
 _____ Carbon Disulfide _____ Ethyl Benzene _____ Nitrobenzene _____ Trichlorofluoromethane
 _____ Carbon Tetrachloride _____ Ethyl Ether _____ Pyridine _____ Xylene(s)
 _____ Chlorobenzene _____ Isobutanol _____ Tetrachloroethylene parts-per-million
 _____ Cresols-Cresylic Acid _____ Methanol _____ Toluene parts-per-billion
 _____ Cyclohexanone _____ Methylene Chloride _____ 1,1,1-Trichloroethane

ESOI REVIEW 11
 APPROVED
 Initials: [] []
 Date: [] [] [] []

- List the EPA Waste HW#'s in 40 CFR 261 and/or § 268, if any, contained in the waste material identified above.
 The waste described herein is **NOT** a hazardous waste defined or identified in 40 CFR 261.

01	D	0	0	9	08					15					22					29				
02					09					16					23					30				
03					10					17					24					31				
04					11					18					25					32				
05					12					19					26					33				
06					13					20					27					34				
07					14					21					28					35				

- The waste described herein contains **NO OTHER EPA HW NUMBERS** which may be subject to the land disposal restriction requirements of 40 CFR 268 except those listed on or with this form.

8. The information above was determined by: Generator's knowledge of the waste Laboratory analysis

James R. Bennett 10/16/91 FACILITY MGR,
 SIGNATURE DATE TITLE

Use a second sheet or the back of this form to report additional EPA HW#'s when necessary.



ENVIROSAFE SERVICES OF OHIO, INC.

876 Otter Creek Road P O Box 167571 Oregon, Ohio 43616-7571

November 5, 1991

George Wallis
Duracell
37 A Street
Needham, MA 02194

Dear Mr. Wallis:

Envirosafe Services is pleased to inform you that the material, assigned WPO Reference Number 10457-002/Soil with Mercury, referenced on the enclosed contract document has been approved by the Ohio EPA for disposal at our secure chemical landfill in Oregon, Ohio.

The Agreement and/or Addendum attached should be signed and returned in its entirety (signature needed on the reverse side of the Agreement and on Pages 1 and 4 of the Addendum) for final approval by ESOI. Please send the Agreement and/or Addendum to my attention at one of the following addresses:

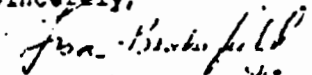
Regular Mail:
Envirosafe Services Of Ohio, Inc.
P.O. Box 167571
Oregon, Ohio 43616-7571

Overnight Carrier:
Envirosafe Services Of Ohio, Inc.
1600 Madison Ave.
Toledo, Ohio 43624

An acknowledgement copy of the Agreement and/or Addendum and a Generator Stream Number (GSN) will be sent to you after the final approval has been completed. The final approval cannot take place until all the terms and conditions in the Addendum have been met. Shipping waste material prior to the release of the final approval may result in a rejection. If you have any questions regarding what information is required, you may contact me at 419-255-5100. Please note, you may not schedule this waste stream for disposal until you have received the GSN. Shipments of waste requiring stabilization/treatment by ESOI must be scheduled and the initial shipment may not exceed 15 tons.

Envirosafe Services appreciates the opportunity to serve your disposal requirements. Should you have any questions or comments, please feel free to call.

Sincerely,


Lisa Brakefield
Assistant Manager, Client Services

Enclosure

cc: Russ Creange





ENVIROSAFE SERVICES OF OHIO, INC.
878 Otter Creek Road P.O. Box 167571 Oregon, Ohio 43616-7571

November 5, 1991

Ken Forrest
Duracell, Inc.
60 Elm Street
North Tarrytown, NY 10591

RE: 40 CFR 264.12(b) Notification for Generator-Stream No. 10457-002
Soil with Mercury

Dear Mr. Forrest:

Envirosafe Services of Ohio, Inc. is an authorized facility and has the appropriate permits necessary to handle the waste material described on the "Waste Product Questionnaire" (WPQ) form referenced by number above. Envirosafe has the necessary disposal and/or treatment capacity requested on the WPQ. Once the contractual agreement has been signed, Envirosafe will accept shipments of the above referenced waste material provided that the material received matches the description provided on the approved WPQ and the technical requirements for acceptance and terms of the contractual agreement for this waste material have been met.

Material accepted will be land-disposed and/or treated prior to disposal as stipulated in the contractual agreement. Material which cannot be accepted for treatment or disposal will be returned or, at the direction of the generator, be shipped to an alternate facility per the requirements 40 CFR 262.20(c) and/or (d).

Sincerely,

Gregory A. Ballmer
Client Services Director

GAB/lb

cc: Client Services File
Facility Operations File
264.12(b)-Notice-to-Generator Record Book
George Wallis - Duracell - Needham, PA

(419) 255-5100 - 1-800-472-0414 In Ohio - 1-800-537-0426 Outside Ohio



** TOTAL PAGE.007 **

ENVIROSAFE SERVICES OF AMERICA, INC.

P.O. Box 833 Valley Forge, PA 19482 Telephone: 215-962-0800

ADDENDUM TO WASTE DISPOSAL AGREEMENT

DATE: 5-Nov-91 Duracell

ADDENDUM NO.: 1 37 A Street

CONTRACT DATE: 5-Nov-91 Needham, NY 02194

CONTRACT NUMBER: 12941-C CUSTOMER CONTACT: George Wallis

WPQ REFERENCE: 10457- PHONE: 617 449-7600

GSN: _____ INDUSTRIAL WASTE MATERIAL: _____

GENERATOR: Soil with Mercury
(If different from customer)

Duracell, Inc. EPA HW #'S D009

60 Elm Street

North Tarrytown, NY 10591

CONTACT: Ken Forrest U.S. DOT PROPER SHIPPING NAME: _____

PHONE: 914 332-9193 NA 9189

US EPA I.D. NO.: NYD000692913 ESTIMATED WASTE QUANTITY: 200 Tons

DISPOSAL PRICE:

W \$195.00 Per Ton or Cubic Yard *Includes Taxes*
 \$103.00 Per Drum Including Taxes
 11/20/91 B.P. as per Rich Santella

Taxes: Ohio State Hazardous Waste Disposal Fee: \$9.00 Per Ton
 Oregon, Ohio Local Tax: _____ \$1.00 Per Ton

TRANSPORTATION: If transportation is the responsibility of ESAI, check here

Price: See attached letter Pick Up Location: See attached letter

Demurrage:

TERM OF AGREEMENT (IF ANY):
 *PLEASE FILL IN PURCHASE ORDER NUMBER FOR INVOICING PURPOSES. # 10988
 *PAYMENT SHALL BE MADE IN CASH AT THE TIME WASTE IS ACCEPTED FOR DISPOSAL UNLESS CREDIT HAS BEEN APPROVED BY ESAI.

THIS ADDENDUM IS INCORPORATED INTO AND IS A PART OF THE WASTE DISPOSAL AGREEMENT BETWEEN CUSTOMER AND ENVIROSAFE SERVICES OF AMERICA, INC. ("ESAI") REFERRED TO ABOVE. THIS ADDENDUM IS NOT A BINDING AGREEMENT UNLESS AND UNTIL SIGNED BY AN AUTHORIZED REPRESENTATIVE OF ESAI

Duracell - Needham, MA ENVIROSAFE SERVICES OF AMERICA, INC.
 CUSTOMER

BY: George Wallis BY: _____

TITLE: DIR OF ENVIRONMENT AFFAIRS TITLE: _____

DATE: 11-18-91 DATE: _____

01. X Normal Operating Arrival Hours: Bulk 6:45 AM - 3:30 PM. Drums, Bags, Boxes And Special Handling: 7:00 AM - 2:00 PM
02. X Generator-Stream Number (GSN) Must Appear On Each Manifest Or Shipping Paper Required By EPA Or DOT. Generator Must Provide DOT Emergency Response Communication (ERC) Document Per 49 CFR 172.600. Generator Must Advise All Transporters Shipping Waste To Use Designated Truck Routes On Enclosed Map When Delivering Material To Envirosafe
03. X Bulk Disposal Charges Will Be Billed By The Cubic Yard If Waste Density Is Less Than 2000 Pounds Per Cubic Yard. If Waste Density Is Greater Than 2000 Pounds Per Cubic Yard Then Bulk Disposal Charges Will Be Billed By The Ton
04. X Waste Acceptance Ends 19-Nov-90; Provide WMA Waste Minimization Data To Ohio EPA By 18-Sep-90 To Continue Service
05. Generator Must Provide Updated Analysis And Annually Thereafter; Advise Envirosafe Immediately And Re-Test Waste When Modifications To Process Or Feedstock Alter Waste Characteristics
06. X pH Of A 10% Slurry Of Waste In Distilled Water Must Be At Least 3.0 But Less Than 12.5 By Envirosafe Methods
07. X Flash Point Of Incoming Material Must Be 140 °F Or Greater By Envirosafe Methods
08. X Bulk Containers May Not Contain Unauthorized Materials Or Free Liquids At Time Of Disposal
09. X Generator Must Schedule Delivery Of Initial Bulk Shipment And Over Five (5) Shipments Per Day And Obtain An Envirosafe Acceptance Number. Generator Must Schedule Delivery Of All Bulk Loads For Envirosafe Stabilization-Treatment And Limit Initial Shipment
10. X Bulk GSN's May Not Be Mixed In Same Shipment Unless Authorized By Envirosafe In Writing
11. When Authorized To Ship Multiple Bulk Wastes In The Same Container, Provide Separate Weights Or State Percentage Of Each By GSN On Manifest
12. X Bulk Waste Must Contain Sufficient Moisture To Control Dust Emissions During Disposal Operations
13. Bags Must Be Load-Rated, Double-Stitched, Equipped With Integral Lift Straps And May Not Exceed 5600 Pounds; Load On Flatbed Trailer
14. Palletized Boxes Must Not Exceed 44 Inches In Length, Width Or Height Or 2800 Pounds. Generator Must Load Flatbed Trailer From Side. Boxes May Not Contain Void Space
15. X Material Must Be In Solid, Non-Flowable Condition At Time Of Disposal And Must Meet Envirosafe 3-psl Load Bearing Strength Requirements (Penetrometer, SOILTEST® Model CL-700 With --701 Adapter)
16. X Miscellaneous Debris And Odd-Sized Waste Must Be Cut Into Pieces Not Exceeding Three (3) Feet In Any Dimension
17. X Envirosafe Requires Waste To Meet Standards For Odor, Temperature At Time Of Disposal (Less Than 100° F Is Always Acceptable) And Free Liquid Stability; Contact Your Envirosafe Representative For Details
18. X Odoriferous Waste Shipped To Envirosafe For Bulk Disposal May Not Be Acceptable. Envirosafe Will Evaluate Pre-Acceptance Sample If Desired
19. Total Cyanide May Not Exceed 250 mg/kg (Or 250 Mg HCN/Kg If Over 250 mg/kg Per SW-846 §7.3.3.2 W/9010); Total Sulfide May Not Exceed 500 mg/kg (Or 500 Mg H₂S/Kg If Over 500 mg/kg Per SW-846 §7.3.4.1 W/9030)
20. Concentration Of Polychlorinated Biphenyls (PCB's) May Not Exceed 35 mg/kg Unless Authorized Herein
21. Drums or Containers Must Be Isolated With A Layer Of Clay (Above/Below/Sides)
22. X Generator Must Schedule Delivery Of These Containers And Obtain An Envirosafe Acceptance Number
23. X Generator Stream Number Must Be Stenciled On Top And Side Of Each Drum Or Container (Boxes Or Bags Included)
24. X Drums May Not Contain Free Liquids Or Void Space; Metal Drums Only, 800 Pounds Or Less
25. X Containerized Material Must Be In Solid, Non-Flowable Condition At Time Of Disposal

- 26. X Generator Must Provide Notification And/Or Certification E. X. C & ?
On Attached "Land Disposal Notification And Certification Form" (Or The Equivalent) As Required By 40 CFR 268 With Each Shipment
- 27. X EnviroSAFE Services, Inc. Corporate Approval For Waste Subject To Land Disposal Restrictions (40 CFR 268) Is Required Prior To Waste Acceptance Under This GSN. Corporate Approval Is Void If EPA HW Number Changes Or Character Of Waste Changes Or Pertinent
- 28. Generator Must Participate In EnviroSAFE Analysis Plan Number 2:
 - Plan #2 - Monthly Or Quarterly Grab & Hold Testing: EnviroSAFE Will Impound Or Request Testing Of An Incoming Shipment And Test It For Compliance With Applicable 40 CFR 268 Land Disposal Restriction Standards Prior To Disposal. Monthly Testing Is Required For Estimated Annual Volumes Of 10,000 Tons Or More, Others Require Quarterly Or Specific Minimal Testing Frequency.
- 29. Excessive Heat Generation In Contact With Water May Cause This Waste To Be Unacceptable For Disposal At EnviroSAFE
- 30. Caustic Content Of Waste May Not Exceed 60 Percent By Weight (As NaOH) As Determined By Titrimetric Methods
- 31. Excessive Gas Generation In Contact With Water May Cause This Waste To Be Unacceptable For Disposal At EnviroSAFE
- 32. Asbestos Must Be Double-Bagged, Wetted And Labeled Per The Requirements Of 40 CFR 61, Subpart M. Asbestos-specific Shipping Paper Is Required
- 33. Contractor Must Contact EnviroSAFE For Authorization To Ship Asbestos From New Sources Under This GSN. Source Of Asbestos Waste Must Be Indicated On The Manifest (#39) And/Or Required Asbestos Shipping Paper
- 34. The Following Conditions For Acceptance Are Applicable To Custom-Packed Labpacks:
 - Drums Must Meet Requirements For Labpacks In 40 CFR 265.316 And May Not Contain Void Space Between Containers Within Drums
 - A Completed Packing List With Manifest Document Number Must Accompany Waste Shipment
 - Liquid Volume Within An Individual Drum May Not Exceed 15 Gallons Per 55-Gallon And 20 Gallons Per 85-Gallon Drum
- 35. The Following Conditions For Acceptance Are Applicable To Waste Shipped Per The EnviroSAFE Generic Labpack Program:
 - Labpacks Must Meet All Technical Requirements For Drums In # 34
 - All Chemicals Shipped For Disposal Must Be On Latest Authorized Version Of EnviroSAFE Master List Of Chemicals, v 3.0
 - Generator Must Submit Proposed Packing List For EnviroSAFE Staff Review Prior To Shipment
 - EnviroSAFE Will Assign GSN-To Each Drum Or Group Of Drums And Provide Written Authorization To Schedule Shipmen
- 36. X Generator And/Or Contractor Must Complete And File Ohio Consent To Service Document Prior To Waste Acceptance Under This GSN.
- 37. Generator Must Make Corrections To An Existing EnviroSAFE Certification Of Sampling And Analysis Form, Or Provide A Completed Form If One Was Not Previously Submitted, Prior To Waste Acceptance Under This GSN
- 38. Generator Must Make Technical Corrections To An Existing EnviroSAFE HSWA Waste Profile Form, Or Provide A Completed Form If One Was Not Previously Submitted, Prior To Waste Acceptance Under This GSN
- 39. Generator Must Use Uniform Hazardous Waste Manifest (As A Straight Bill Of Lading) To Ship Non-Hazardous Industrial Waste To EnviroSAFE
- 40. Price Includes Stabilization-Treatment Necessary To Comply With LDR Requirements With Secure Disposal At EnviroSAFE Services Of Ohio, Inc.
 - Stabilization-Treatment Price Is Based On A Specific Mix Design Of Treatment Additives Developed For This Waste Stream As Represented By Laboratory Samples And/Or Shipments Received At Our Oregon, Ohio Facility. If Changes In The Chemical Or Physical Characteristics Of The Waste Require Adjustments In The Treatment Mix Design To Comply With Federal Or State Land Disposal Restriction (LDR) Requirements, EnviroSAFE Reserves The Right To Adjust Pricing To Customer With 48 Hours Notification

41. _____ Generator Is Expected To Ship Conforming Waste Material Which Does Not Vary From Baseline Analysis In Heavy Metal Content By More Than 10% For Metals Present At A Total Concentration Of 3% (w/w) Or Greater And Not More Than 3000 mg/kg For Heavy Metals Present At Less Than 3% (w/w). Porous Debris In Waste Must Pass 9.5 mm Sieve: Non-Porous Debris Must Have All Surfaces Exposed, Be One Foot Or Less In Any Dimension And Comprise 10 Percent Or Less Of Material In Shipment
42. _____

The following fees shall be incurred for non-conforming shipments:

Bulk Stabilization (Incidental Free Liquid)	\$205.00 Per Ton Of Material Used
Bulk Stabilization (Dust Suppression)	\$265.00 Per Ton Of Material Used
Dig Out Frozen Load	\$250.00 Per Load
Bulk Load Mix	\$120.00 Per Load
Drum Stabilization (Incidental Free Liquid)	\$ 75.00 Per Drum
Drum Stabilization (Void Space Fill)	\$ 30.00 Per Drum
Lab Fee For Rejected Load	\$ 30.00 Per Load
Special Handling	Time And Material Rates

Technical Requirements For Acceptance Specified Herein Have Been Chosen In Accordance With Information Provided To Us On The Waste Application You Submitted. If A Particular Requirement Was Not Marked, It Was Envirosafe's Judgement That It Was Not Applicable To The Waste Described In The Application (WFO). If, Upon Delivery At Envirosafe, Your Waste Is Found To Have Characteristics Not Previously Disclosed, The Appropriate Technical Requirement Listed Herein Is Applicable Even Though It Has Not Been Specifically Marked. Failure On Our Part To Mark A Specific Technical Requirement Does Not Authorize Envirosafe To Violate Any Federal, State Or Local Environmental Regulations.

v31

ACKNOWLEDGEMENT:

Duracell - Needham, MA

CUSTOMER

BY:

TITLE:

DATE:

James J. Sullivan
DIR. OF ENVIRONMENTAL AFFAIRS
11-18-1991

DURACELL INC.
NORTH TARRYTOWN, NEW YORK

MANIFEST SUMMARY

Shipping Date	Manifest No.	Quantity** (tons)
12/3/91	NYB5290146*	14.8
	NYB5290182	14.9
	NYB5290191	17.2

NOTES:

* - Includes 8 drums of housecleaning wastes.

** - Weights measured at landfill.

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES REGULATION

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Form Approved OMB No. 2050-0039 Expires 9-30-94

Please print or type. Do not Staple.

UNIFORM HAZARDOUS
WASTE MANIFEST

1. Generator's US EPA No. **NYD0006929130000**
Manifest Document No. **1**

2. Page 1 of 1 Information in the shaded areas is not required by Federal Law.

3. Generator's Name and Mailing Address

**Dumorell Inc., 37 A Street
North Ferrisburgh, NY 12194, Attn: George Wallis**
4. Generator's Phone (**517 445-7000**)

A. State Manifest Document No. **NY B 529019 1**

B. Generator's ID **60 Elm Street
North Ferrisburgh, NY 12194**

5. Transporter 1 (Company Name)

Wills Trucking Inc.

6. US EPA ID Number

OND068913409

C. State Transporter's ID **WILLIS-064**

D. Transporter's Phone (**215 628-2001**)

7. Transporter 2 (Company Name)

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone ()

9. Designated Facility Name and Site Address

**Envirozone Services of Ohio, Inc.
575 Otter Creek Road
Oregon, Ohio 43616-7571**

10. US EPA ID Number

OND045243706

G. State Facility's ID

H. Facility's Phone **419 235-5100**

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)

a. **NY Hazardous Waste, Solid, H.O.S., CMR-E,
UN319, (2009, Mercury)**

12. Containers No. Type

01DT

13. Total Quantity

14. Unit WW/Vol

Y

15. Waste No.

6000

STATE

EPA

STATE

EPA

STATE

EPA

STATE

J. Additional Descriptions for Materials listed Above

a **Mercury**

K. Handling Codes for Wastes Listed Above

a b c

GDS1

15. Special Handling Instructions and Additional Information

CMR 10457002

with Housekeeping Response: 419-691-0016

**34330P
17.16T**

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in a respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name **KENNETH FORREST** Signature *Kenneth Forrest* **120391**

17. Transporter 1 (Acknowledgement of Receipt of Materials)

Printed/Typed Name **Lisa J. Gotschew** Signature *Lisa J. Gotschew* **Mo. Day Year**

18. Transporter 2 (Acknowledgement or Receipt of Materials)

Printed/Typed Name Signature **Mo. Day Year**

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name **JERRY PICKLE** Signature *Jerry Pickle* **Mo. Day Year**

APPENDIX B

ADDITIONAL ON-SITE SOIL INVESTIGATION

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Soil Sampling and Analysis Methodologies
Laboratory Reports

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22.5 (SS-16)	6
23.5 (SS-17)	7
b- 21.5	8
22	4
23	4
b'- 23.5 (SS-18)	7
c- 21.5 (SS-15)	6
22	4
22.25	2
23 (C-7A)	1,9
24.5 (SS-21)	7
25	4
26	2
27	4
d- 21	8
22	4
23 (D-7)	1
23.5 (SS-19)	7
24	4
24.5 (SS-22)	7
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23.5 (SS-20)	7
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<u>Sample Location</u>	<u>Laboratory Report Page</u>
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23.75	10
24.25	8
25.5 (SS-26)	7
f- 22.5	8
23 (SS-14)	6, 10
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23.75	5
24	2
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25.75	8
g' 24.25	3
25 (SS-27)	7
D- 22	8
22.5 (SS-13)	6
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24	8, 9
25.5	8
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D'- 21.5	8
22 (SS-12)	6
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23.5	4
24.5 (SS-28)	7, 9
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D''-23.5	9

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- continued -

<u>Sample Location</u>	<u>Laboratory Report Page</u>
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22.5 (SS-11)	6
25.5	2
26 (SS-29)	7
27 (SS-30)	7
E'- 20.5	8
21 (SS-10)	6
21.5	2, 10
22.5	2
F- 21	4
22	5
22.5 (SS-8)	6
23	2
23.5 (SS-9)	6, 10
25	2, 10
27	2
F'- 22 (SS-7)	6
22.5	2
24 (SS-3)	6
25 (SS-2)	6
G- 22	5
22.5 (SS-6)	6
23	5
23.5 (SS-4)	6
24	5, 11
24.5 (SS-5)	6
25	3
25.5 (SS-1)	6
26	5, 11
27	5
G'- 23	8
24	8

SOIL SAMPLING AND ANALYSIS METHODOLOGIES

Surface soil samples were collected in six inch increments from 6 to 30 inches below grade using a precleaned stainless bucket auger. Continuous split spoon soil samples were collected in 12 inch increments from 12 to 48 inches below grade at boring locations. Sampling equipment was washed with a detergent solution and rinsed with distilled water prior to collecting each sample. Samples were collected in precleaned laboratory furnished glass containers with teflon lined caps and transported the same day to Esarco, Inc., Irvington, New York for mercury analysis.

Eсарco, Inc. analyzed the samples for mercury in accordance with "Test Methods for Evaluating Solid Wastes," EPA SW-846: Method 7471: Manual cold vapor technique.

ESARCO INC.

TEL: (914) 691-9010

50 SOUTH BUCKHOUT STREET, IRVINGTON, N.Y. 10633

Oct. 7, 1991

Mr. Brian Pendergast
Eder Associates, P. C.
85 Forest avenue
Locust Valley, N. Y. 11560

Re: Duracell - Mercury Analysis
Project 425-1 - 10/4/91

Dear Mr. Pendergast:

Following are the results of analysis performed on three samples of soil taken from Duracell received on 10/4/91 afternoon (Friday):


Sample Date & ID	Mercury, T. Hg mg/kg
10/4/91 C-7A; 6-12"	131
10/4/91 D-7A; 6-12"	154
10/4/91 D-7B; 24-30"	0.55
Duplicate	0.61
Average	0.58

Please call if there are any questions. Thanks

LLC:pl
encl.

RECEIVED AT EA OCT 10 1991	
FILE NO.	425-1
LJE	FBI
SJO	CR
OTHER	

Very truly yours,
ESARCO, Inc.


Ling L. Chu

Job: Duracell, Tarrytown, NY
Project No: 425-01
Sample Date: Nov. 7 & 8, 1991
Sample Material: Soil
Date Report: Nov. 20, 1991

Laboratory Report

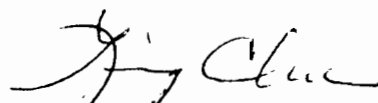
Sample ID Date & No	Mercury T. Hg mg/kg
EPA 475-6(4-11 ug/1)	8.2 ug/1
11/7/91:	
Rinse Blank	0.013 mg/1
c22.25A	102
c26A	3.64
d25.5A	45.4
	47.3 Avg = 46.4
E21A	14.7
E25.5A	105
E'21.5A	85.5
E'22.5A	168
F25A	468
F23A	1.07
F'22.5A	76.2
F27A	98.0
F27B*	46.3
f24A	49.8

*ID from bottle label

Job: Duracell Cont.'
Sample Date: 11/7 & 8/91

Laboratory Report

Sample Date	ID & No	Mercury T. Hg	mg/kg
11/7/91:			
	G25A		32.7
	G25B		18.2
	g'24.25		5.70


Report by: Ling L. Chu

Project No: Eder 425-1
Project Name: Duracell
Subject: Mercury Analysis

LABORATORY REPORT

Sample Date &	ID No	Total Mercury mg/kg	
12/9/91	No 24	ND	
	b 22	42.4	41.9
		41.3	
	b 23	53.0	
	C 22	45.9	
	C 25	69.8	
	C 27	0.19	
	d 22	40.5	
	D' 22.5	384	
	D 23	54.3	
	D' 23.5	ND	
	D' 25.5	ND	
	D 26	119	
	d 24	7.76	
	E 22	10.7	
	e 23	ND	
	e 26	28.0	
	F 21	20.4	

Project No: Eder 425-1
Project Name: Duracell
Subject: Mercury Analysis

LABORATORY REPORT

Sample Date &	ID No	Total Mercury mg/kg
12/9/91	F 22	39.7
	f 23.75	12.6
	G 22	14.6
	G 23	53.0
	G 24	39.7
	G 26	103
	G 27	59.9
		172 116
	Spike G 27	87.9%

Project No: Eder 425-1
Project Name: Duracell
Subject: Mercury Analysis

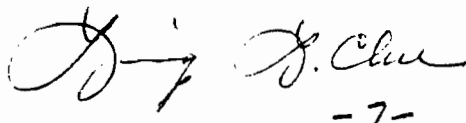
LABORATORY REPORT

Sample Date	ID & No	Mercury T. Hg	mg/kg	Wet
1/9/92	EPA 475-6 (4.0-11.0)	5.08	µg/1	
1/2/92	Duracell SS-1	76.0		
	SS-2	20.4		
	SS-3	34.7		
	SS-4	20.8		
	SS-5	24.1		
	SS-6	3.27		
	SS-7	19.9		
	SS-8	17.1		
	SS-9	89.5		
	SS-10	44.0		
	SS-11	25.8		
	SS-12	42.0		
	SS-13	12.9		
	SS-14	83.6		
	SS-15	12.4		
	SS-16	15.1		
	Duplicate SS-16	5.91		10.5

Project 425-1 cont'.

Sample Date	ID & No	Mercury T. Hg	mg/kg Wet
1/2/92	Duracell SS-17	4.69	
	SS-18	21.5	
	SS-19	13.5	
	SS-20	17.8	
	SS-21	8.13	
	SS-22	31.0	
	SS-23	3.06	
	SS-24	64.9	
	SS-25	59.7	
	SS-26	147	
	SS-27	103	
	SS-28	525	
	SS-29	2.82	
	SS-30	7.34	
	Duplicate SS-30	6.77	7.05
	Spike 1/2 SS-30 % Recovery	80.0%	
1/2/92	RB-1 Field Rinse Blank	0.0027	mg/l

Reported By: Ling L. Chu


- 7 -

Job: Duracell - Tarrytown, NY
 Project NO: 425-1
 Sample Date: January 23, 1992
 Date Received: January 23, 1992

LABORATORY REPORT

Sample ID from bottle Date & No	Mercury T. Hg mg/kg
1/23/92 Rinse Blank	0.0087 mg/l
" 10 a-22 6"-12"	6.44
" 9 b-21.5 "	2.23
" 4 D'-21.5 "	4.29
" 5 D-22 "	1.58
" 8 d-21 "	5.04
" 12 ^D / A -24 "	94.8
" 13 D-25.5 "	24.5
" 15 d-26.5 "	1.00
" 3 E'-20.5 "	0.43
" 7 e-22 "	14.2
" 6 f-22.5 "	13.2
" 11 f'-24.25 "	0.73
" 14 f-25.75 "	10.2
" 1 G'-24 "	51.8
" 2 G'-23 "	50.5
	73.1
	Avg. = 61.8

Jig J. Chau

Project: Duracell - Tarrytown, NY
Project No: 425 - 1
Date Sampled: February 7, 1992
Date Received: February 10, 1992
Date Analysised: 2/14, 18-20/92

425-1

LABORATORY REPORT

Sample Date	ID & No	Mercury T. Hg mg/kg
2/7/92	c-23A 12-24"	123
"	c-23B 24-36"	9.28
"	c-23C 36-48"	15.0
"	D'-22.5A 12-24"	0.58
"	D'-22.5B 24-36"	1.02
"	D'-22.5C 36-48"	0.60
"	D-24A 12-24"	2,457
"	D-24B 24-36"	78,156
"	D-24C 36-48"	23.0
"	D"-23.5 6-12"	24.9
	Duplicate	29.0
	Average	27.0
"	D'-24.5A 12-24"	2.67
"	D'-24.5B 24-36"	2.16
"	D'-24.5C 36-48"	0.13

Project: Duracell - Tarrytown, NY
Project No: 425 - 1 cont'

LABORATORY REPORT

Sample Date	ID & No		Mercury T. Hg mg/kg
2/7/92	d-25.5A	12-24"	3.58
"	d-25.5B	24-36"	22.9
"	d-25.5C	36-48"	1.71
"	E'-21.5A	12-24"	9.65
"	E'-21.5B	24-36"	23.5
"	E'-21.5C	36-48"	0.72
"	F-23.5A	12-24"	49.7
"	F-25A	12-24"	196
"	F-25B	24-36"	199
"	F-25C	36-48"	5.11
"	f-23A	12-24"	29.1
"	f-23B	24-36"	7.81
"	f-23C	36-48"	0.62
	Duplicate		1.17
	Average		0.90
"	f-23.5	6-12"	127
"	f-23.75	6-12"	3.39

Project: Duracell - Tarrytown, NY
Project No: 425 - 1 cont'

LABORATORY REPORT

Sample Date	ID & No	Mercury T. Hg mg/kg
2/7/92	f-24.5 6-12"	1,063
"	G-24A 12-24"	8.52
	Duplicate	30.2
	Average	19.4
"	G-24B 24-36"	3.53
"	G-24C 36-48"	LT 0.0006
"	G-26A 12-24"	11.5
"	G-26B 24-36"	1.08
"	G-26C 36-48"	1.11
	Duplicate	0.73
	Average	0.92
EPA 475.6		
8.0 ug/l (4.0 - 11.0)		4.50
Duplicate		5.00
Spike G-24A 12-24"	0.0980 g	97.6 %
3.0 ml-0.20 ppm		
% Recovery		
Spike G-26C 36-48"	0.0598 g	107.5 %
3.0 ml - 0.20 ppm		

APPENDIX C

ADDITIONAL ON-SITE SOIL REMEDIATION



WASTE DESCRIPTION UPDATE OR CHANGE

GSN **10457-002**

GENERATOR Duracell

Review Priority

WASTE mercury contaminated soil

1 2 3

REASON FOR CHANGE IN WASTE DESCRIPTION

- Change Initiated by GENERATOR; Documentation Attached
- Change Initiated by ENVIROSAFE; Documentation Attached
- Updated Analytical Data and/or Waste Description Submitted
- Other: _____
- Temporary Change _____ Permanent

Change Requested **02 JAN 92** Attach Change Form to Application Indicated Above After Authorization

Describe Change: Generator requests to amend GSN 10457002 to include 1000 cubic yards of mercury contaminated soil taken from the same excavation area as previously. See attached analytical. Update done on 10-17-91.

ESOI Conditions: Approval for the addition of 1000 cu. yds. of mercury contaminated soil from GSN 10457002. All other previous conditions remain in effect. See approved cadmium analysis for sample points F-26 / E-27 / B-26 / G-27 / WMA plan has been submitted.

- SUBSTANTIAL Change, Submit to Regulatory Agency for Review
- NON-SUBSTANTIAL Change, Authorize After ESOI Internal Review

REGULATORY AGENCY COMMENTS AND / OR CONDITIONS

(Signature) _____ (Title) _____ **05 FEB 92**
 Signature Title Date

DOCUMENT DISTRIBUTION

- New D.O. or Addendum
- Notification Letter Only
- Ohio EPA
- Gen. / Broker
- Cust. Service
- Operations
- Tech. Service

Signature / Date Jana M. Blazynski 1-29-92
 Checked by / Date (Signature) 2/3/92
 Effective Date of Change **29 JAN 92**



WASTE DESCRIPTION UPDATE OR CHANGE

SN 1 0 4 5 7 - 0 0 2

GENERATOR Duracell - North Jarrington, NY
WASTE mercury contaminated soil

Review Priority
 1 2 3

REASON FOR CHANGE IN WASTE DESCRIPTION

- Change Initiated by GENERATOR; Documentation Attached
- Change Initiated by ENVIROSAFE; Documentation Attached
- Updated Analytical Data and/or Waste Description Submitted
- Other: _____
- Temporary Change _____ Permanent

Change Requested 2 5 F E B 9 2 Attach Change Form to Application Indicated Above After Authorization

Describe Change: Generator requests to amend ESN 10457002 to include 0-20% cement kiln dust to prevent phase separation during transportation.

ESOI Conditions: Approval for the addition of 0-20% cement kiln dust to ESN 10457002. With this addition, pH requirements are increased to include 13.0. All other previous conditions remain in effect.

- SUBSTANTIAL Change, Submit to Regulatory Agency for Review
- NON-SUBSTANTIAL Change, Authorize After ESOI Internal Review

REGULATORY AGENCY COMMENTS AND / OR CONDITIONS

Signature _____

Title _____

Date 2 5 F E B 9 2

DOCUMENT DISTRIBUTION

- Law D.O. or Addendum
- Notification Letter Only
- Ohio EPA
- Gen. / Broker
- Cust. Service
- Operations
- Tech. Service

Signature / Date _____

Checked by / Date [Signature] 2/5/92

Effective Date of Change 0 2 F E B 1 2 9 2



ENVIRONMENTAL SAFE SERVICES OF OHIO, INC. CERTIFICATION OF WASTE SAMPLING AND ANALYSIS

GENERATOR-STREAM NUMBER
1 0 4 5 7 - 0 0 2

Generator: Duracell Inc.

Waste: Soil Containing Mercury

1. Were Samples of waste material taken and submitted to a laboratory for analysis to support the information supplied with this original application and/or the updated analysis data now being submitted with this form?
 YES NO
if NO, then the type of information being submitted did not involve sampling (e.g. updated MSDS, data from a similar process or generators knowledge of the waste stream with support documents). Please sign and date the form for information purposes only. If YES, then complete the rest of the form:

ESOI REVIEW 11

APPROVED

Initials P

Date 1/29/92

2. Describe the waste that was sampled: Soil from an Industrial Site
3. Sample collection method: 1 Grab 2 Composite 3 Other _____
4. Describe the sampling devices used: Stainless Steel Hand Auger
5. If waste will vary in composition, describe variations: _____
6. USEPA SW-846 test methods are required for all RCRA-mandated testing. List the methods your laboratory used below:

PARAMETER	Date	Method Ref.	PARAMETER	Date	Method Ref.	PARAMETER	Date	Method Ref.
Antimony			Cyanide Total			•Acetone		
Arsenic			Cyanide Free			•Butanol		
Barium			HCN @ pH 2.0			•Carbon Disulfide		
Beryllium			Sulfide Total			•Carbon Tetrachloride		
Cadmium	<u>1-29</u>	<u>6010</u>	Sulfide Free			•Chlorobenzene		
Chromium (hex)			H2S @ pH 2.0			•Cresols- [o], [m], [p]		
Chromium (total)			Phenolics			•Cresylic Acid		
Copper			Chloride			•Cyclohexanone		
Lead			Fluoride			•1,2-Dichlorobenzene		
Mercury	<u>12/10/91</u>	<u>7470</u>	Phosphate			•Ethyl Acetate		
Nickel			Sulfate			•Ethyl Benzene		
Selenium			Nitrate-N			•Ethyl Ether		
Silver			Nitrite-N			•Isobutanol		
Thallium			Ammonia-N			•Methanol		
Zinc			Kjeldahl-N			•Methylene Chloride		
Endrin			Oil & Grease			•Methyl Ethyl Ketone		
Lindane			TOC (Carbon)			•Methyl Isobutyl Ketone		
Methoxychlor			TOX (Halogen)			•Nitrobenzene		
Toxaphene			PCB's			•Pyridine		
2,4-D			HOC's - (268)			•Tetrachloroethylene		
2,4,5-TP (Silvex)						•Toluene		
Chlordane						•1,1,1-Trichloroethane		
Heptachlor & -OH						•Trichlorotrifluoroethane		
Hex-Cl-Benzene						•Trichloroethylene		
Hex-Cl-Ethane						•Trichlorofluoromethane		
Hex-Cl-1,3 Butdi						•Xylene(s)		
2,4,5-TCl-Phenol						Benzene		
2,4,6-TCl-Phenol						1,1,2-Trichloroethane		
Penta-Cl-Phenol			pH-10% Slurry			2-Ethoxyethanol		
2,4-Dinitrotoluene			Flash Point			2-Nitropropane		
Sample Prep. Method	SW-846:		Sample Prep. Method	SW-846:	Chloroform			
EP-Toxicity Extraction					1,4-Dichlorobenzene			
TCLP Extraction	<u>1311</u>				1,2-Dichloroethane			
					1,1-Dichloroethylene			
					Vinyl Chloride (monom.)			

Additions made per analysis P 1-29-92

I Certify That A Representative Sample Of The Waste (If Any) Described Herein Was Collected And Analyzed According To The Methods On This Form:

[Signature] January 21, 1992 Duracell
 SIGNATURE DATE TITLE



ENVIROSAFE SERVICES OF OHIO, INC.

876 Otter Creek Road P.O. Box 167571 Oregon, Ohio 43616-7571

January 24, 1992

Mr. Brian Pendergast
Environmental Scientist
Eder and Associates
480 Forest Ave.
Locust Valley, NY 11560

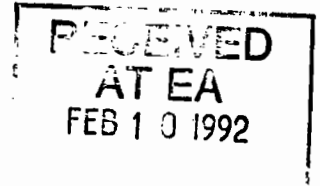
Dear Mr. Pendergast:

Your request to amend GSN 10457002, mercury contaminated soil from the Duracell facility in North Tarrytown, NY, to include an additional 1000 tons of material has been approved. All other previously existing conditions for this approval remain in effect.

Thank you for notifying ESOI of this addition. If you have any questions regarding the above, please contact me at 419-255-5100.

Sincerely,

Jana M. Plageman
Client Service Representative II



cc: Rich Santello - Sales Representative
Operation Files
Client Services File

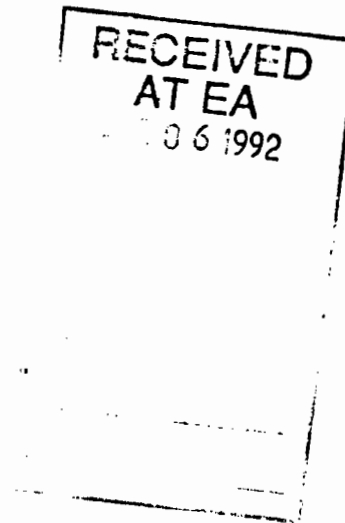
OTI





ENVIROSAFE SERVICES OF OHIO, INC.

876 Otter Creek Road P.O. Box 167571 Oregon, Ohio 43616-7571



March 2, 1992

Mr. Brian Pendergast
Environmental Scientist
Eder Associates
480 Forest Ave.
Locust Valley, NY 11560

Dear Mr. Pendergast:

Your request to amend GSN 10457002, mercury contaminated soil from the Duracell facility in North Tarrytown, NY, to include 0-20% kiln dust to increase load bearing strength and to absorb free liquids has been approved. All other previously existing conditions for this approval remain in effect.

Thank you for notifying ESOI of this addition. If you have any questions regarding the above, please contact me at 419-255-5100.

Sincerely,

Jana M. Plageman
Client Service Representative II

cc: Blaine Hinds - Sales Representative
Operation Files
Client Services File



DURACELL INC.
NORTH TARRYTOWN, NEW YORK

MANIFEST SUMMARY

Shipping Date	Manifest No.	Quantity* (tons)
2/26/92	NYB4543515	25.81
	NYB4543551	26.57
2/27/92	NYB4543569	25.75
	NYB4543641	24.5
	NYB4543659	31.19
	NYB4543668	25.02
	NYB5771403	23.6
	NYB5771412	24.69
	NYB5771421	22.65
2/28/92	NYB5771439	21.56
	NYB5771457	23.9
	NYB5771466	22.69
	NYB5771475	23.61
3/2/92	NYB5771178	17.47
	NYB5771187	20.7
	NYB5771196	22.77
	NYB5771205	24.48
	NYB5771214	22.52
3/3/92	NYB5771223	22.45
	NYB5771232	26.66
	NYB5771241	27.31
	NYB5771259	22.13
	NYB5771268	23.3
3/4/92	NYB5771277	23.43
	NYB5771286	23.89
	NYB5771448	27.84
3/5/92	NYB5290155	24.01
4/15/92	NYB5771349	23.45
	NYB5771358	27.28
	NYB5771385	24.13

NOTE:

* - Weights measured at landfill.

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES REGULATION

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Form Approved OMB No. 2050-0039 Expires 9-30-94

Please print or type. Do not Staple.

**UNIFORM HAZARDOUS
WASTE MANIFEST**

1. Generator's US EPA No. **NY D00 86 9 29 13 001 00**

Manifest Document No. **001 00**

2. Page 1 of 1 Information in the shaded areas is not required by Federal Law.

3. Generator's Name and Mailing Address
**Dunacell Inc., 37 A Street
Methen, MA 02194, Attn: George Wallis**

4. Generator's Phone **(617) 489-7800**

A. State Manifest Document No. **NY B 454351 5**

B. Generator's ID **60 Elm Street
North Ferrisburgh, NY 14591**

5. Transporter 1 (Company Name)
Wills Trucking Inc.

6. US EPA ID Number
ORND 06 89 13 40 9

C. State Transporter's ID **WV0003-054**

D. Transporter's Phone **(716) 659-9381**

7. Transporter 2 (Company Name)

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone ()

9. Designated Facility Name and Site Address
**Engineering Services of Ohio, Inc.
876 Otter Creek Road
Croyton, Ohio 43016-7571**

10. US EPA ID Number
OH D 04 52 43 70 6

G. State Facility's ID

H. Facility's Phone **(614) 235-5100**

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)

12. Containers No. Type 13. Total Quantity 14. Unit (Wt/Vol) 15. Waste No.

a. **10 Hazardous Waste, Solid, H.O.S., CM+R,
306189, (D009, Mercury)**

0 10 1 45330 P

EPA **D009**
STATE

b.

EPA
STATE

c.

EPA
STATE

d.

EPA
STATE

J. Additional Descriptions for Materials listed Above

a. **Mercury**

K. Handling Codes for Wastes Listed Above

a. **L** c.

15. Special Handling Instructions and Additional Information

**914-332-9173 24 Hr. Emergency Response
761-471-1111 3581T 51620**

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name
Reneeth Focant

Signature *Reneeth Focant*

Mo. Day Year
02-26-92

17. Transporter 1 (Acknowledgement of Receipt of Materials)

Printed/Typed Name
GREG YARNE

Signature *Greg Yarne*

Mo. Day Year
02-26-92

18. Transporter 2 (Acknowledgement or Receipt of Materials)

Printed/Typed Name

Signature

Mo. Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19

Printed/Typed Name
ERRY KERR

Signature *ERRY KERR*

Mo. Day Year
02-27-92

In case of emergency or spill immediately call the National Response Center (800) 424-9300 and the N.Y. Dept. of Environmental Conservation (518) 457-7467.

NY B 454351 5

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES REGULATION

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Form Approved OMB No. 2050-0035 Expires 9-30-94

Print or type. Do not Staple.

**UNIFORM HAZARDOUS
WASTE MANIFEST**

1. Generator's US EPA No. **NY D0 006 92 9 13 001 04**
Manifest Document No.

2. Page 1 of 1 Information in the shaded areas is not required by Federal Law.

3. Generator's Name and Mailing Address
**Dunell Inc., 37 A Street
Northampton, MA 01064, Attn: George Wallis**
4. Generator's Phone (617) 449-7600

A. State Manifest Document No.
NY B 454355 1

B. Generator's ID **37 A Street
Northampton, MA 1064**

5. Transporter 1 (Company Name) **Mills Trucking Inc.**
6. US EPA ID Number **OH D0 68 91 34 09**

C. State Transporter's ID **INDUC-064**
D. Transporter's Phone (716) 629-9301

7. Transporter 2 (Company Name) _____
8. US EPA ID Number _____

E. State Transporter's ID _____
F. Transporter's Phone () _____

9. Designated Facility Name and Site Address
**Parsons Services of Ohio, Inc.
576 Cedar Creek Road
Cuyahoga, Ohio 43616-7571**
10. US EPA ID Number **OH D0 45 24 37 06**

G. State Facility's ID _____
H. Facility's Phone (419) 286-5100

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers		13. Total	14. Unit	1. Waste No.
	No.	Type	Quantity	Wt/Vol	
a. NO Hazardous Waste, Solid, H.O.S., CHEM. MERCURY, (COOR, Mercury)	01	DRUM	12.210 P		EPA STATE
b.					EPA STATE
c.					EPA STATE
d.					EPA STATE

J. Additional Descriptions for Materials listed Above
a. **Mercury**
K. Handling Codes for Wastes Listed Above
a. L c
b.

15. Special Handling Instructions and Additional Information
**914-332-9193 } 24 Hr. Emergency Response Number
419-691-0016 } 36.57 T 531407**
GEN 1045 1062 Guide Book 31-3

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.
If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name **Renee Foxworth** Signature **Renee Foxworth** Mo. Day Year **02 26 94**

17. Transporter 1 (Acknowledgement of Receipt of Materials)
Printed/Typed Name **GARY MILLER** Signature **Gary Miller** Mo. Day Year **02 26 94**

18. Transporter 2 (Acknowledgement of Receipt of Materials)
Printed/Typed Name _____ Signature _____ Mo. Day Year _____

19. Discrepancy Indication Space
W/L 113 and 13

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name **JERRY H. CORE** Signature **Jerry H. Core** Mo. Day Year **02 26 94**

In case of emergency or spill immediately call the National Response Center at (800) 424-9302 and the N.Y. Dept. of Environmental Conservation at (518) 457-4302.

NY B 454355 1

HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212

Form Approved OMB No. 2050-0039 Expires 9-30-94

Please print or type. Do not Staple.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No. **NY D0 00 69 29 13 00 10 5**
Manifest Document No.

2. Page 1 Information in the shaded areas is not required by Federal Law.

3. Generator's Name and Mailing Address
**Dunacell Inc., 37 A Street
Northampton, MA 02194, Attn: George Wallis**

A. State Manifest Document No.
NY B 454356 9

4. Generator's Phone (617) **448-7600**

B. Generator's ID **60 Elm Street
Northampton, MA 10594**

5. Transporter 1 (Company Name) **Mills Trucking Inc.**

C. State Transporter's ID **MSRDC-064**

6. US EPA ID Number **OR D0 58 91 34 09**

D. Transporter's Phone (216) **639-3381**

7. Transporter 2 (Company Name)

E. State Transporter's ID

8. US EPA ID Number

F. Transporter's Phone ()

9. Designated Facility Name and Site Address
**Environment Services of Ohio, Inc.
576 Otter Creek Road
Oregon, Ohio 43616-7571**

G. State Facility's ID

10. US EPA ID Number **OR D0 45 24 37 06**

H. Facility's Phone (419) **255-5100**

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No. Type	13. Total Quantity	14. Unit WT/Vol	15. Waste No.	
				EPA	STATE
a. 20 Hazardous Waste, Solid, H.O.S., CM+E, MSL09, (D009, Mercury)	01 DR			P	D009 STATE
b.					EPA STATE
c.					EPA STATE
d.					EPA STATE

J. Additional Descriptions for Materials listed Above
a. **Mercury**

K. Handling Codes for Wastes Listed Above
DRI
SELF
WUC

16. Special Handling Instructions and Additional Information
**51500P 25.75T
GSN: 10457002 FA**

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.
If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name **Reneeth Farrant** Signature **Reneeth Farrant** Mo. Day Year **02 27 92**

17. Transporter 1 (Acknowledgement of Receipt of Materials)
Printed/Typed Name **William Martinko** Signature **William Martinko** Mo. Day Year **4-1-92**

18. Transporter 2 (Acknowledgement of Receipt of Materials)
Printed/Typed Name Signature Mo. Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.

Printed/Typed Name **Dale M Partner** Signature **Dale M Partner** Mo. Day Year **02 28 92**

NY B 454356 9

In case of emergency or spill immediately call the National Response Center (1-800-424-6802) and the N.Y. Dept. of Environmental Conservation (518) 402-7362.

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES REGULATION

HAZARDOUS WASTE MANIFEST

P.O. Box 12620, Albany, New York 12212

Form Approved OMB No. 2050-0039 Expires 9-30-94

Please print or type. Do not Staple.

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA No. NYD 00 06 92 9 13	Manifest Book No. 0010 1	2. Page 1 1	Information in the shaded areas is not required by Federal Law.
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3. Generator's Name and Mailing Address Dunneill Inc., 37 A Street Middletown, NY 02194, Attn: George Wallis	A. State Manifest Document No. NY B 454364 1
4. Generator's Phone: (617) 448-7608	B. Generator's ID 60 Elm Street North Ferrisburgh, NY 10291

5. Transporter 1 (Company Name) Wills Trucking Inc.	6. US EPA ID Number OR 00 68 91 34 09	C. State Transporter's ID MSDC-064
7. Transporter 2 (Company Name)	8. US EPA ID Number	D. Transporter's Phone: 216 659-9381
		E. State Transporter's ID
		F. Transporter's Phone

9. Designated Facility Name and Site Address Barrows Services of Ohio, Inc. 876 Otter Creek Road Oregon, Ohio 43616-7571	10. US EPA ID Number OR 00 45 24 37 06	G. State Facility's ID
		H. Facility's Phone (614) 285-5100

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers		13. Total Quantity	14. Unit	I. Waste No.
	No.	Type		Mt/Vol	
a. 10 Hazardous Waste, Solid, H.C.S., OR-E 190189, (1909, Mercury)	01	DT	3.2	P	EPA 0000 STATE
b.					EPA STATE
c.					EPA STATE
d.					EPA STATE

J. Additional Descriptions for Materials listed Above	K. Handling Codes for Wastes Listed Above
a. Mercury	D812 <input type="checkbox"/> c <input type="checkbox"/>
b.	Scrap <input type="checkbox"/> d <input type="checkbox"/>

15. Special Handling Instructions and Additional Information
GEN 10, 11, 12, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment. OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name George Wallis	Signature <i>George Wallis</i>	Mo. Day Year 02 49 2
--	-----------------------------------	--------------------------------

17. Transporter 1 (Acknowledgement of Receipt of Materials)

Printed/Typed Name AL FEUERSTEIN	Signature <i>Al Feuerstein</i>	Mo. Day Year 02 49 2
--	-----------------------------------	--------------------------------

18. Transporter 2 (Acknowledgement or Receipt of Materials)

Printed/Typed Name	Signature	Mo. Day Year
--------------------	-----------	--------------

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name Dale M Pertrera	Signature <i>Dale M Pertrera</i>	Mo. Day Year 02 27 2
--	-------------------------------------	--------------------------------

NY B 454364 1

DIVISION OF HAZARDOUS SUBSTANCES REGULATION
HAZARDOUS WASTE MANIFEST
 P.O. Box 12820, Albany, New York 12212

Form Approved OMB No. 2060-0099 Expires 9-30-94

Please print or type. Do not Staple.

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA No. NY D0 00 69 29 13 00 102	Manifest Document No. 102	2. Page 1 of 1	Information in the shaded areas is not required by Federal Law.
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3. Generator's Name and Mailing Address Dowcull Inc., 37 A Street Rochester, NY 14614, Attn: George Wallis		A. State Manifest Document No. NY B 454365 9	
4. Generator's Phone (617) 449-7600		B. Generator's ID 60 Elm Street North Ferrisburgh, NY 10551	
5. Transporter 1 (Company Name) Willis Trucking Inc.	6. US EPA ID Number OH D 06 89 13 40 9	C. State Transporter's ID W122C-064	
7. Transporter 2 (Company Name)	8. US EPA ID Number	D. Transporter's Phone (216) 633-9361	
9. Designated Facility Name and Site Address Environment Services of Ohio, Inc. 876 Otter Creek Road Oregon, Ohio 43216-7571		10. US EPA ID Number OH D 04 52 43 70 6	
		E. State Transporter's ID	
		F. Transporter's Phone ()	
		G. State Facility's ID	
		H. Facility's Phone (419) 235-6100	

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers		13. Total	14. Unit	15. Waste No.
	No.	Type	Quantity	Wt/Vol	
a. NO Hazardous Waste, Solid, H.O.S., CHEM. RESIDUE, (2009, Mercury)	010	T	55.12	P	1000 STATE
b.					EPA STATE
c.					EPA STATE
d.					EPA STATE

J. Additional Descriptions for Materials listed Above	K. Handling Codes for Wastes Listed Above
a. Mercury	a. <input checked="" type="checkbox"/> L <input type="checkbox"/> c
b.	b. <input checked="" type="checkbox"/> S <input checked="" type="checkbox"/> C <input checked="" type="checkbox"/> F <input checked="" type="checkbox"/> G <input checked="" type="checkbox"/> D <input checked="" type="checkbox"/> S <input type="checkbox"/>

15. Special Handling Instructions and Additional Information
 1-800-424-9300 24 Hr. Emergency Response Number
 47-511-3100 GSN 10457-002 EPA 6238B/191

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.
 If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment. OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name Renee Forest	Signature <i>Renee Forest</i>	Mo. Day Year 02 24 97
17. Transporter 1 (Acknowledgement of Receipt of Materials)		
Printed/Typed Name STEVE MENCER	Signature <i>Steve Mencer</i>	Mo. Day Year 02 23 97
18. Transporter 2 (Acknowledgement or Receipt of Materials)		
Printed/Typed Name	Signature	Mo. Day Year

19. Discrepancy Indication Space
15% weight discrepancy due to scale problems @ generator #1

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.	
Printed/Typed Name JEFF HARDING	Signature <i>Jeff Harding</i>

Generator
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HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Form Approved OMB No. 2050-0038 Expires 9-30-89

Please print or type. Do not Staple.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NYD 00 06 92 91 3		Manifest Document No. 001 03		2. Page 1 Information in the shaded areas is not required by Federal Law. 1							
3. Generator's Name and Mailing Address Duncoff Inc., 37 A Street Northampton, MA 02194, Attn: George Willis				A. State Manifest Document No. NY B 454366 8									
4. Generator's Phone (617) 449-7008				B. Generator's ID No. 00 100 0000 Northampton, MA 10001									
5. Transporter 1 (Company Name) Willis Trucking Inc.		6. US EPA ID Number OR D0 60 91 34 09		C. State Transporter's ID 00000-004		D. Transporter's Phone (216) 429-9381							
7. Transporter 2 (Company Name)		8. US EPA ID Number		E. State Transporter's ID		F. Transporter's Phone ()							
9. Designated Facility Name and Site Address Envirochem Services of Ohio, Inc. 575 Otter Creek Road Oregon, Ohio 43616-7571				10. US EPA ID Number OR D0 45 24 37 06		G. State Facility's ID							
				H. Facility's Phone (419) 255-5100									
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)						12. Containers		13. Total		14. Unit		15. I.	
						No.		Type		Quantity		Wt/Vol	
a. HQ Hazardous Waste, H011, H.O.S., CN-E, H9120, (0009, Mercury)						81 DT 4		3.51		P		000 STATE	
b.												EPA STATE	
c.												EPA STATE	
d.												EPA STATE	
J. Additional Descriptions for Materials listed Above						K. Handling Codes for Wastes Listed Above							
a. Mercury						b. <input type="checkbox"/>		c. <input type="checkbox"/>		d. <input type="checkbox"/>		e. <input type="checkbox"/>	
b.						b. <input type="checkbox"/>		c. <input type="checkbox"/>		d. <input type="checkbox"/>		e. <input type="checkbox"/>	
15. Special Handling Instructions and Additional Information <i>Handwritten notes</i>						5-40P 25.027							
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.													
Printed/Typed Name Renech Pickett				Signature <i>Renech Pickett</i>				Mo. Day Year 02 26 92					
17. Transporter 1 (Acknowledgement of Receipt of Materials)													
Printed/Typed Name Steve Zingerman				Signature <i>Steve Zingerman</i>				Mo. Day Year 02 26 92					
18. Transporter 2 (Acknowledgement or Receipt of Materials)													
Printed/Typed Name				Signature				Mo. Day Year					
19. Discrepancy Indication Space CHANGE DATE RT.													
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.													
Printed/Typed Name Dale M Penter				Signature <i>Dale M Penter</i>				Mo. Day Year 02 28 92					

COPY 6 - TSD facility - retained by TSD facility
 CHNM 0 4210 171

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Form Approved OMB No. 2050-0039 Expires 9-30-94

Please print or type. Do not Staple.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No. **NYD00069291300106** Manifest Document No. **1**
2. Page 1 of 1 Information in the shaded areas is not required by Federal Law

3. Generator's Name and Mailing Address
**Duracell Inc., 37 A Street
Hoodham, MA 02194, Attn: George Wallis**
4. Generator's Phone (**517**) **449-7600**

A. State Manifest Document No. **NY B 577140 3**
B. Generator's ID **60 Elm Street
North Ferrisburgh, NY 10591**

5. Transporter 1 (Company Name) **Willie Trucking Inc.** 6. US EPA ID Number **OHED068913409**

C. State Transporter's ID **WVH80C-064**
D. Transporter's Phone (**216**) **639-9381**

7. Transporter 2 (Company Name) 8. US EPA ID Number

E. State Transporter's ID

9. Designated Facility Name and Site Address
**EnviroSAFE Services of Ohio, Inc.
876 Otter Creek Road
Oregon, Ohio 43616-7571** 10. US EPA ID Number **OHED085243706**

G. State Facility's ID
H. Facility's Phone (**419**) **255-5100**

11. US DOT Description (including Proper Shipping Name, Hazard Class and ID Number)	12. Containers		13. Total	14. Unit	15. Waste No.
	No.	Type	Quantity	Mt/Vol	
a. HQ Hazardous Waste, Solid, H.O.S., CB1-R M39189, (D009, Mercury)	01	D.T.	44.55	P	EPA D009 STATE
b.					EPA STATE
c.					EPA STATE
d.					EPA STATE

J. Additional Descriptions for Materials listed Above
a. **Mercury**
b.

K. Handling Codes for Wastes Listed Above
a. b.
c. d.

15. Special Handling Instructions and Additional Information
**717-332-7113 24 H. Emergency Number 2367
717-332-7113 (3) 630-10457-002 JTY7207**

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.
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Printed/Typed Name **Kenneth Fucust** Signature **Kenneth Fucust** Mo. Day Year **032792**

17. Transporter 1 (Acknowledgement of Receipt of Materials)
Printed/Typed Name **F H 16** Signature **F H 16** Mo. Day Year **3-27-94**

18. Transporter 2 (Acknowledgement of Receipt of Materials)
Printed/Typed Name Signature Mo. Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name **Dale M. Penton** Signature **Dale M. Penton** Mo. Day Year **022893**

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Form Approved OMB No. 2050-0039 Expires 9-30-91

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UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No. NYD00069291300107

Manifest Document No. 1

2. Page 1 of 1 Information in the shaded areas is not required by Federal Law.

3. Generator's Name and Mailing Address: Doracell Inc., 37 A Street, Newnan, GA 02194 Attn: George Wallis

A. State Manifest Document No. NY B577141 2

5. Transporter 1 (Company Name): Mills Trucking Inc.

6. US EPA ID Number: OED068913409

B. Generator's ID: 60 Elm Street, North Tarrytown, NY 10591

7. Transporter 2 (Company Name)

8. US EPA ID Number

C. State Transporter's ID: NYSDOC-064

9. Designated Facility Name and Site Address: Envirosafe Services of Ohio, Inc., 876 Otter Creek Road, Oregon, Ohio 43616-7571

10. US EPA ID Number: OED045243706

D. Transporter's Phone: 216-659-9381

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)

a. No Hazardous Waste, Solid, H.O.S., CM-2, HAZ189, (0003, Mercury)

Table with columns: Containers No., Type, Total Quantity, Unit, Waste No. EPA STATE

J. Additional Descriptions for Materials listed Above

a. Mercury

K. Handling Codes for Wastes Listed Above: D8L, SUT, ucl

15. Special Handling Instructions and Additional Information

714-332-7113 } 24 Emergency Response Number 2469F
114-591-0016 } 49260P
GSN: 10457-002

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway, according to applicable international and national government regulations and state laws and regulations.

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Printed/Typed Name: Kenneth Forrest

Signature: Kenneth Forrest

Mo. Day Year: 022792

17. Transporter 1 (Acknowledgement of Receipt of Materials)

Printed/Typed Name: William T... ..

Signature: William T... ..

Mo. Day Year: 022792

18. Transporter 2 (Acknowledgement or Receipt of Materials)

Printed/Typed Name

Signature

Mo. Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Dale M... ..

Signature: Dale M... ..

Mo. Day Year: 022892

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Form Approved, OMB No. 2050-0039 Expires 9-30-94

Please print or type. Do not staple.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No. **NYD000069291300108**
Manifest Document No.

2. Page 1 of 1
Information in the shaded areas is not required by Federal Law.

3. Generator's Name and Mailing Address
**Duracell Inc., 37 A Street
Hudson, MA 02194, Attn: George Wallis**

A. State Manifest Document No. **NY B 577142 1**
B. Generator's ID **60 Elm Street
North Ferrisburgh, NY 10591**

4. Generator's Phone **(617) 449-7600**
5. Transporter 1 (Company Name) **Wills Trucking Inc.**
6. US EPA ID Number **ORND068913409**

C. State Transporter's ID **WV0001-064**
D. Transporter's Phone **(216) 639-9381**

7. Transporter 2 (Company Name)
8. US EPA ID Number

E. State Transporter's ID
F. Transporter's Phone ()

9. Designated Facility Name and Site Address
**EnviroSAFE Services of Ohio, Inc.
876 Otter Creek Road
Oregon, Ohio 43616-7571**

G. State Facility's ID
H. Facility's Phone **(419) 253-5100**

11. US DOT Description (including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No. Type	13. Total Quantity	14. Unit Wt/Vol	I.	
				EPA Waste No.	STATE
a. NO Hazardous Waste, Solid, H.O.S., ORN-K, MS9189, (2009, Mercury)	0001	4.0570P		0009	0009
b.				EPA	STATE
c.				EPA	STATE
d.				EPA	STATE

J. Additional Descriptions for Materials listed Above
a. **Mercury**

K. Handling Codes for Wastes Listed Above
a. b. c. d.
DOT 1490
SCF
cell 6

15. Special Handling Instructions and Additional Information
1-800-424-9313
1-800-691-1010
24 Hr. Emergency Response
60N 1045702
2069 4530UP

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.
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Printed/Typed Name **Reneeth Pickett** Signature *Reneeth Pickett* Mo. Day Year **02/07/92**

17. Transporter 1 (Acknowledgement of Receipt of Materials)
 Printed/Typed Name **Jeffrey A. Price** Signature *Jeffrey A. Price* Mo. Day Year **02/07/92**

18. Transporter 2 (Acknowledgement or Receipt of Materials)
 Printed/Typed Name _____ Signature _____ Mo. Day Year _____

19. Discrepancy Indication Space
3/2/92 generator using package scale 400 lbs & correct
dot & correct K.O.

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
 Printed/Typed Name **Dale M. Portner** Signature *Dale M. Portner* Mo. Day Year **10/30/92**

DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES REGULATION

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Form Approved OMB No. 2050-0039 Expires 9-30-94

Please print or type. Do not Staple.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No. **NYD000692913001111**
Manifest Document No. **1**

2. Page 1 of 1 information in the shaded areas is not required by Federal Law.

3. Generator's Name and Mailing Address
**Dunncall Inc., 37 A Street
Beecham, MA 02194, Attn: George Wallis**
4. Generator's Phone (**617**) **449-7600**

A. State Manifest Document No.
NY B 577145 7

B. Generator's ID **60 Elm Street
North Ferrisburgh, NY 10551**

5. Transporter 1 (Company Name) **Wills Trucking Inc.**
6. US EPA ID Number **OND068913409**

C. State Transporter's ID **WILSON-044**
D. Transporter's Phone (**216**) **633-9381**

7. Transporter 2 (Company Name) _____
8. US EPA ID Number _____

E. State Transporter's ID _____
F. Transporter's Phone () _____

9. Designated Facility Name and Site Address
**EnviroSAFE Services of Ohio, Inc.
876 Otter Creek Road
Oregon, Ohio 43616-7571**
10. US EPA ID Number **OND045243706**

G. State Facility's ID _____

H. Facility's Phone (**419**) **255-5108**

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No. Type	13. Total Quantity	14. Unit WT/Vol	15. Waste No.	
				EPA	STATE
a. HQ hazardous waste, Solid, H.O.S., CNR-E, MS189, (D009, Mercury)	01 DT 7 7500 P			5009	
b.				EPA	STATE
c.				EPA	STATE
d.				EPA	STATE

J. Additional Descriptions for Materials listed Above
a. **Mercury**

K. Handling Codes for Wastes Listed Above
a. b. c. d.

15. Special Handling Instructions and Additional Information
**1-372-7113 } 24 Hr. Emergency Response
-791-1111 } 65N 1045 1002 239T
478007**

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.
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Printed/Typed Name **Kenneth Farnest** Signature *Kenneth Farnest* Mo. Day Year **02 28 92**

17. Transporter 1 (Acknowledgement of Receipt of Materials)
Printed/Typed Name **Mark Parker** Signature *Mark Parker* Mo. Day Year **02 28 92**

18. Transporter 2 (Acknowledgement or Receipt of Materials)
Printed/Typed Name _____ Signature _____ Mo. Day Year _____

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name **ERRY KELLE** Signature *ERRY KELLE* Mo. Day Year **02 28 92**

In case of emergency or spill immediately call the National Response Center (800) 424-9302 and the N.Y. Dept. of Environmental Conservation (518) 475-2700

DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES REGULATION

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Form Approved OMB No. 2050-0038 Expires 9-30-94

PLEASE PRINT OR TYPE. DO NOT STAPLE.

**UNIFORM HAZARDOUS
WASTE MANIFEST**

1. Generator's US EPA No. **NYD000069291300112**
Manifest Document No.

2. Page 1 of 1 Information in the shaded areas is not required by Federal Law.

3. Generator's Name and Mailing Address
**Duracall Inc., 37 A Street
Needham, MA 02194, Attn: George Wallis**

A. State Manifest Document No. **NY B 577146 6**
B. Generator's ID **60 Elm Street
North Ferrisburgh, NY 14551**

5. Transporter 1 (Company Name) **Wills Trucking Inc.**
6. US EPA ID Number **OND068913499**

C. State Transporter's ID **NYSDRC-064**
D. Transporter's Phone (216) **699-9381**

7. Transporter 2 (Company Name)

E. State Transporter's ID
F. Transporter's Phone ()

9. Designated Facility Name and Site Address
**Enviroserve Services of Ohio, Inc.
876 Otter Creek Road
Oregon, Ohio 43616-7571**

10. US EPA ID Number
G. State Facility's ID
H. Facility's Phone (419) **255-5100**

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No. Type	13. Total Quantity	14. Unit Wt/Vol	15. Waste No.	
				EPA	STATE
a. HQ Hazardous Waste, Solid, H.O.S., CRF-2, HG189, (D009, Mercury)	01 DT		P	5000	
b.				EPA	STATE
c.				EPA	STATE
d.				EPA	STATE

J. Additional Descriptions for Materials listed Above
a. **Mercury**

K. Handling Codes for Wastes Listed Above
a. b. c. d.

16. Special Handling Instructions and Additional Information
**44-32-7733 - 4 Hrs. Emergency Response Number 2269
44-331-0000 CSW 10457002 45380p**

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.
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Printed/Typed Name **Kenneth Forrest** Signature **Kenneth Forrest** Mo. Day Year **02 28 99**

17. Transporter 1 (Acknowledgement of Receipt of Materials)
Printed/Typed Name **WAINES GRAM** Signature **Waines Gram** Mo. Day Year **02 28 99**

18. Transporter 2 (Acknowledgement or Receipt of Materials)
Printed/Typed Name Signature Mo. Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name **Dale M. Paster** Signature **Dale M. Paster** Mo. Day Year **10 30 98**

GENERATOR
TRANSPORTER
FACILITY

DEPARTMENT OF ENVIRONMENTAL CONSERVATION
 DIVISION OF HAZARDOUS SUBSTANCES REGULATION
HAZARDOUS WASTE MANIFEST
 P.O. Box 12820, Albany, New York 12212

Form Approved OMB No. 2050-0039 Expires 9-30-94

Please print or type. Do not Stamp.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. EYD00069291300113	Manifest Document No. 1	2. Page 1 of 1	Information in the shaded areas is not required by Federal Law.
3. Generator's Name and Mailing Address Duracell Inc., 37 A. Street Needham, MA 02194, Attn: George Wallis			A. State Manifest Document No. NY B577147 5		
4. Generator's Phone (617 449-7600)			B. Generator's ID 60 Elm Street North Tarrytown, NY 10591		
5. Transporter 1 (Company Name) Wills Trucking Inc.		6. US EPA ID Number OR0068913409		C. State Transporter's ID NYREG-064	
7. Transporter 2 (Company Name)		8. US EPA ID Number		D. Transporter's Phone (216 659-9381)	
9. Designated Facility Name and Site Address EnviroSafe Services of Ohio, Inc. 876 Otter Creek Road Oregon, Ohio 43616-7571		10. US EPA ID Number OR0045243706		E. State Transporter's ID	
				F. Transporter's Phone ()	
				G. State Facility's ID	
				H. Facility's Phone 419 255-5100	
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number):				12. Containers	13. Total Quantity
a. HQ Hazardous Waste, Solid, H.O.S., CMR-2, MS189, (D009, Mercury)				No. Type	Unit
					Wt/Vol
					Waste No.
					EPA
					STATE
					EPA
					STATE
					EPA
					STATE
J. Additional Descriptions for Materials listed Above				K. Handling Codes for Wastes Listed Above	
a. Mercury				a. <input checked="" type="checkbox"/> b. <input type="checkbox"/> c. <input type="checkbox"/>	
b.				b. <input checked="" type="checkbox"/> LD81	
c.					
d.					
15. Special Handling Instructions and Additional Information <i>100-322-110 } 210 Emergency 1-771-110 } 63N10457002 23.647 17301</i>					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name Ronald Perrot		Signature <i>Ronald Perrot</i>		Mo. Day Year 02 28 94	
17. Transporter 1 (Acknowledgement of Receipt of Materials)					
Printed/Typed Name Jesse E. Bone		Signature <i>Jesse E. Bone</i>		Mo. Day Year 02 28 94	
18. Transporter 2 (Acknowledgement or Receipt of Materials)					
Printed/Typed Name		Signature		Mo. Day Year	
19. Discrepancy Indication Space					
20. Facility Owner or Operator. Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name FRANK PEROTE		Signature <i>Frank Perote</i>		Mo. Day Year 03 01 94	

In case of spill, immediately call the National Response Center, 1-248-8802 and the N.Y. Dept. of Environmental Conservation (914) 437-4300.

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Form Approved OMB No. 2050-0039 Expires 9-30-94

Please print or type. Do not Staple.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No. NYD00069291800114 Manifest Document No.

2. Page 1 of 1 information in the shaded areas is not required by Federal Law.

3. Generator's Name and Mailing Address Duracell Inc., 37 A. Street, Needham, MA 02194, Attn: George Wallis

A. State Manifest Document No. NY B 577117 8 B. Generator's ID 60 Elm Street North Ferrisburgh, NY 10551

4. Generator's Phone (617) 449-7600 6. US EPA ID Number OED068913409

C. State Transporter's ID D. Transporter's Phone (216) 639-9381

7. Transporter 2 (Company Name) 8. US EPA ID Number

E. State Transporter's ID F. Transporter's Phone

9. Designated Facility Name and Site Address EnviroSAFE Services of Ohio, Inc. 876 Otter Creek Road Oregon, Ohio 43616-7571 10. US EPA ID Number OED045243706

G. State Facility's ID H. Facility's Phone (419) 255-5100

Table with 5 columns: 11. US DOT Description, 12. Containers, 13. Total Quantity, 14. Unit, 15. Waste No. Row a: RQ Hazardous Waste, Solid, H.O.S., CM-E, H9189, (D009, Mercury) 0 1 D T 37 200 P EPA D009 STATE

J. Additional Descriptions for Materials listed Above K. Handling Codes for Wastes Listed Above Row a: Mercury c

16. Special Handling Instructions and Additional Information 11-35-1113 11-21-1113 11457-002 24 Hr Emergency Response Center 34949 17477

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

Printed/Typed Name Kenneth Forrester Signature Kenneth Forrester Mo. Day Year 03 02 92

17. Transporter 1 (Acknowledgement of Receipt of Materials) Printed/Typed Name Anthony A. Miller Signature Anthony A. Miller Mo. Day Year 03 02 92

18. Transporter 2 (Acknowledgement or Receipt of Materials) Printed/Typed Name Signature Mo. Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Printed/Typed Name Dale M. Partner Signature Dale M. Partner Mo. Day Year 03 03 92

Vertical text on the left margin: In case of emergency or spill immediately call the National Response Center at 1-800-424-8802 and the N.Y. Dept. of Environmental Conservation at 518-457-7362.

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Form Approved OMB No. 2050-0039. Expires 9-30-94

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UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No. **NYD000069291300115**
 Manifest Document No.

2. Page 1 of 1
 Information in the shaded areas is not required by Federal Law

3. Generator's Name and Mailing Address
**Dunwoell Inc., 37 A. Street
 Needham, MA 02194, Attn: George Mallis**
 4. Generator's Phone (**617**) **449-7600**

A. State Manifest Document No.
NY B 577118 7
 B. Generator's ID **60 Elm Street
 North Ferrisburgh, NY 10591**

5. Transporter 1 (Company Name) **Wills Trucking Inc.**
 6. US EPA ID Number **OH D 068913489**

C. State Transporter's ID **MS22MC-064**
 D. Transporter's Phone (**216**) **699-9381**

7. Transporter 2 (Company Name)
 8. US EPA ID Number

E. State Transporter's ID
 F. Transporter's Phone ()

9. Designated Facility Name and Site Address
**EnviroSAFE Services of Ohio, Inc.
 876 Otter Creek Road
 Oregon, Ohio 43616-7571**
 10. US EPA ID Number **OH D 045243706**

G. State Facility's ID
 H. Facility's Phone (**419**) **258-5100**

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers		13. Total Quantity	14. Unit Wt/Vol	1. Waste No.
	No.	Type			
a. HQ Hazardous Waste, Solid, H.O.S., CMT-2, H29189, (D008, Mercury)	01	DT		P	8000 STATE
b.					EPA STATE
c.					EPA STATE
d.					EPA STATE

J. Additional Descriptions for Materials listed Above
 a. **Mercury**
 b.

K. Handling Codes for Wastes Listed Above
 a. **DEF**
 b. **SELF**
 c.
 d.

15. Special Handling Instructions and Additional Information
**914 - 332-7173 24 Hr. Emergency
 419 - 211-1111
 414-00P
 20-7T**

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.
 If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name **Emmett Fuzzard** Signature **Emmett Fuzzard** Mo. Day Year **103029**

17. Transporter 1 (Acknowledgement of Receipt of Materials)
 Printed/Typed Name **James Deane** Signature **James Deane** Mo. Day Year **103029**

18. Transporter 2 (Acknowledgement or Receipt of Materials)
 Printed/Typed Name Signature Mo. Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
 Printed/Typed Name **Dale M Fertner** Signature **Dale M Fertner** Mo. Day Year **103039**

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the N.Y. Dept. of Environmental Conservation (914) 357-2302

GENERATOR

TRANSPORTER

FACILITY

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Form Approved. OMB No. 2050-0039. Expires 9-30-94

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In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the N.Y. Dept. of Environmental Conservation (518) 457-7362.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NY2000069232300116		Manifest Document No. 116		2. Page 1		Information in the shaded areas is not required by Federal Law.			
3. Generator's Name and Mailing Address Essexell Inc., 37 A. Street Hudson, MA 02194, Attn: George Wallis						A. State Manifest Document No. NY B577119-8					
4. Generator's Phone (417) 449-7000						B. Generator's ID 60 Elm Street North Ferrisburgh, NY 14551					
5. Transporter 1 (Company Name) Willis Trucking Inc.			6. US EPA ID Number 022042312609			C. State Transporter's ID 00000-064					
7. Transporter 2 (Company Name)						D. Transporter's Phone (216) 699-2301					
8. US EPA ID Number						E. State Transporter's ID					
9. Designated Facility Name and Site Address Environment Services of Ohio, Inc. 876 Otter Creek Road Oregon, Ohio 43616-7571						F. Transporter's Phone					
10. US EPA ID Number 022042243706						G. State Facility's ID					
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)						12. Containers		13. Total Unit		14. Waste No.	
a. 20 Hazardous Waste, Solid, H.O.S., CMR-8, 280125, (2009, January) b. c. d.						No.		Quantity		EPA	
						Type				STATE	
										EPA	
										STATE	
										EPA	
J. Additional Descriptions for Materials listed Above						K. Handling Codes for Wastes Listed Above					
a.						b.					
b.						c.					
c.						d.					
d.											
15. Special Handling Instructions and Additional Information 914-332-9173 } 24 Hr. Emergency Response Number 20771 419-691-0016 } 45344 1-800-12457-002 } 1/17/21											
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.											
Printed/Typed Name George Wallis				Signature <i>George Wallis</i>				Mo. Day Year 03 02 94			
17. Transporter 1 (Acknowledgement of Receipt of Materials)											
Printed/Typed Name James Mackay				Signature <i>James Mackay</i>				Mo. Day Year 03 02 94			
18. Transporter 2 (Acknowledgement or Receipt of Materials)											
Printed/Typed Name				Signature				Mo. Day Year			
19. Discrepancy Indication Space											
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.											
Printed/Typed Name Dale M. Fortner				Signature <i>Dale M. Fortner</i>				Mo. Day Year 03 03 94			

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES REGULATION

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Form Approved. OMB No. 2050-0039. Expires 9-30-94

Print or type. Do not Staple.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. MD00069291368117		Manifest Document No.		2. Page 1 of 1		Information in the shaded areas is not required by Federal Law.			
3. Generator's Name and Mailing Address Barrett Inc., 31 A. Street Rochester, NY 14614, Attn: George Wallis				A. State Manifest Document No. NY B 577120 5		B. Generator's ID North Syracuse, NY 14601					
4. Generator's Phone (617) 449-7600				6. US EPA ID Number MD00069291368117		C. State Transporter's ID MD00069291368117		D. Transporter's Phone (212) 439-1301			
5. Transporter 1 (Company Name) Wills Trucking Inc.				8. US EPA ID Number		E. State Transporter's ID					
7. Transporter 2 (Company Name)				10. US EPA ID Number		F. Transporter's Phone					
9. Designated Facility Name and Site Address Remediation Services of Ohio, Inc. 875 Otter Creek Road Oregon, Ohio 43615-7571				10. US EPA ID Number OH00045243706		G. State Facility's ID					
						H. Facility's Phone 619 255-5100					
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)						12. Containers		13. Total		14. Unit	
a. HQ Hazardous Waste, Solid, H.C.S., CHEM, H312; (2000, Mercury)						No. Type		Quantity		Wt/Vol	
						8 1 B T		4400 P		EPA Waste No. STATE	
b.										EPA STATE	
c.										EPA STATE	
d.										EPA STATE	
J. Additional Descriptions for Materials listed Above						K. Handling Codes for Wastes Listed Above					
a. Mercury						a. <input checked="" type="checkbox"/> L <input type="checkbox"/> C <input type="checkbox"/> D					
b.						b. <input checked="" type="checkbox"/> D <input checked="" type="checkbox"/> E <input type="checkbox"/> F <input type="checkbox"/> G					
15. Special Handling Instructions and Additional Information <i>1173 224 H. Env. Dept. Rec. No. 1173-002 24481 48960P</i>											
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method, treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.											
Printed/Typed Name Remediation Services				Signature <i>Remediation Services</i>				Mo. Day Year 03 02 92			
17. Transporter 1 (Acknowledgement of Receipt of Materials)											
Printed/Typed Name DAVID HOLLOWAY				Signature <i>David Holloway</i>				Mo. Day Year 03 02 92			
18. Transporter 2 (Acknowledgement or Receipt of Materials)											
Printed/Typed Name				Signature				Mo. Day Year			
19. Discrepancy Indication Space <i>Waste description due to state petition @ generator FH</i>											
20. Facility Owner or Operator. Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.											
Printed/Typed Name Dale M. Fortner				Signature <i>Dale M. Fortner</i>				Mo. Day Year 03 03 92			

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES REGULATION

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Form Approved OMB No. 2050-0039 Expires 9-30-94

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UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No. **NYD00069291300118**
Manifest Document No.

2. Page 1 of 1 Information in the shaded areas is not required by Federal Law

3. Generator's Name and Mailing Address
**Duracell Inc., 37 A. Street
Hudson, MA 02194, Attn: George Wallis**
4. Generator's Phone **(617) 449-7600**

A. State Manifest Document No. **NY B 577121 4**
B. Generator's ID **60 Elm Street
North Tarrytown, NY 10591**

5. Transporter 1 (Company Name) **Wills Trucking Inc.**
6. US EPA ID Number **OND068913409**

C. State Transporter's ID **HEHMC-064**
D. Transporter's Phone **(216) 630-9381**

7. Transporter 2 (Company Name)
8. US EPA ID Number

E. State Transporter's ID
F. Transporter's Phone ()

9. Designated Facility Name and Site Address
**EnviroSAFE Services of Ohio, Inc.
876 Otter Creek Road
Croydon, Ohio 43616-7571**
10. US EPA ID Number **OND045243706**

G. State Facility's ID
H. Facility's Phone **(419) 255-5100**

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers		13. Total Quantity	14. Unit Wt/Vol	15. I. Waste No.
	No.	Type			
a. HQ Hazardous Waste, Solid, H.C.S., CM1-E, H9109, (D009, Mercury)	01	DT			EPA D009 STATE
b.					EPA STATE
c.					EPA STATE
d.					EPA STATE

J. Additional Descriptions for Materials listed Above
a. **Mercury**
b.

K. Handling Codes for Wastes Listed Above
a.
b. **Self**
c.
d.

15. Special Handling Instructions and Additional Information
**17-522-7113 22 521
17-691-7402 GSN 45040p**

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.
If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name **Kenneth Furseth** Signature *Kenneth Furseth* Mo. Day Year **03 02 92**

17. Transporter 1 (Acknowledgement of Receipt of Materials)
Printed/Typed Name **Ralph Danko** Signature *Ralph Danko* Mo. Day Year **03 02 92**

18. Transporter 2 (Acknowledgement or Receipt of Materials)
Printed/Typed Name Signature Mo. Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name **Dale M. Penter** Signature *Dale M. Penter* Mo. Day Year **03 03 92**

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the N.Y. Dept. of Environmental Conservation (518) 457-7362.

DEPARTMENT OF ENVIRONMENTAL CONSERVATION
 DIVISION OF HAZARDOUS SUBSTANCES REGULATION
HAZARDOUS WASTE MANIFEST
 P.O. Box 12820, Albany, New York 12212

Form Approved. OMB No. 2050-0039. Expires 9-30-94

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In case of emergency or spill immediately call the National Response Center (800) 424-9302 and the N.Y. Dept. of Environmental Conservation (914) 457-7362.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NYD00069291300119		Manifest Document No.		2. Page 1 of 1		Information in the shaded areas is not required by Federal Law.					
3. Generator's Name and Mailing Address Duncoill Inc., 77 A. Street Northampton, MA 01064, Attn: George Wallis						A. State Manifest Document No. NY B5711223							
4. Generator's Phone (617) 443-7600						B. Generator's ID Northampton, MA 10001							
5. Transporter 1 (Company Name) Wills Trucking Inc.			6. US EPA ID Number 02D068912409			C. State Transporter's ID MA000-044		D. Transporter's Phone (617) 443-7600					
7. Transporter 2 (Company Name)			8. US EPA ID Number			E. State Transporter's ID		F. Transporter's Phone					
9. Designated Facility Name and Site Address Environment Services of Ohio, Inc. 876 Otter Creek Road Copeau, Ohio 43016-7572						10. US EPA ID Number 02D045243706		G. State Facility's ID					
						H. Facility's Phone (614) 295-8300							
11. US DOT Description (including Proper Shipping Name, Hazard Class and ID Number)						12. Containers		13. Total		14. Unit		15. Waste No.	
a. Hg Hazardous Waste, Solid, H20-S., CRT-2 UN0189, (0009, Mercury)						No. Type 01 DT 45000 P		Quantity		Wt/Vol		EPA STATE	
b.												EPA STATE	
c.												EPA STATE	
d.												EPA STATE	
J. Additional Descriptions for Materials listed Above						K. Handling Codes for Wastes Listed Above							
a. Mercury						b. <input checked="" type="checkbox"/> L <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> S <input type="checkbox"/> W <input type="checkbox"/> X <input type="checkbox"/> Y <input type="checkbox"/> Z							
b.						c. <input type="checkbox"/> L <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> S <input type="checkbox"/> W <input type="checkbox"/> X <input type="checkbox"/> Y <input type="checkbox"/> Z							
15. Special Handling Instructions and Additional Information 114-332-9193 (24 Hr. Emergency Response Number) 20 YST 41-571-1211 GSN: 10457-002 71 4900P													
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.													
Printed/Typed Name George Wallis				Signature <i>George Wallis</i>				Mo. Day Year 03 03 92					
17. Transporter 1 (Acknowledgement of Receipt of Materials)													
Printed/Typed Name Donald L. Carroll				Signature <i>Donald L. Carroll</i>				Mo. Day Year 03 03 92					
18. Transporter 2 (Acknowledgement or Receipt of Materials)													
Printed/Typed Name				Signature				Mo. Day Year					
19. Discrepancy Indication Space													
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.													
Printed/Typed Name Dale M. Fenton				Signature <i>Dale M. Fenton</i>				Mo. Day Year 03 10 92					

DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES REGULATION

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Form Approved. OMB No. 2050-0039. Expires 9-30-94

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UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NYD000069291300120	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal Law.	
3. Generator's Name and Mailing Address Duracell Inc., 37 A Street Newtown, NY 02194, Attn: George Wallis				A. State Manifest Document No. NY B577123 2		
4. Generator's Phone (517) 442-7000				B. Generator's ID 64 Elm Street North Ferrisburgh, NY 14521		
5. Transporter 1 (Company Name) Wills Trucking Inc.		6. US EPA ID Number 02D060913409		C. State Transporter's ID 02D060913409		
7. Transporter 2 (Company Name)		8. US EPA ID Number		D. Transporter's Phone (517) 442-7000		
9. Designated Facility Name and Site Address EnviroSafe Services of Ohio, Inc. 876 Otter Creek Road Cuyahoga, Ohio 43616-7571		10. US EPA ID Number 02D045243706		E. State Facility's ID 02D045243706		
				F. Facility's Phone (419) 235-8300		
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)				12. Containers No.	13. Total Quantity	14. Unit Wt/Vol
a. 20 Hazardous Waste, Solid, H.O.S., ON-E, 280100, (2005, Mercury)				01	251.0009	g
b.						
c.						
d.						
J. Additional Descriptions for Materials listed Above				K. Handling Codes for Wastes Listed Above		
a. Mercury				b. <input checked="" type="checkbox"/> DST		
b.				c. <input type="checkbox"/>		
c.				d. <input type="checkbox"/>		
15. Special Handling Instructions and Additional Information 114-332-7193 } 24 Hr. Emergency Response Number 419-591-0016 } 65N 104-7002 5350 P 26667						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment. OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name George Wallis		Signature <i>George Wallis</i>			Mo. Day Year 03 03 92	
17. Transporter 1 (Acknowledgement of Receipt of Materials)						
Printed/Typed Name GARY MILLER		Signature <i>Gary Miller</i>			Mo. Day Year 03 03 92	
18. Transporter 2 (Acknowledgement or Receipt of Materials)						
Printed/Typed Name		Signature			Mo. Day Year	
19. Discrepancy Indication Space						
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.						
Printed/Typed Name Dale M. Fortner		Signature <i>Dale M. Fortner</i>			Mo. Day Year 03 04 92	

A Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Form Approved. OMB No. 2050-0039. Expires 9-30-94

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UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NY2000069291300021	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal Law.	
3. Generator's Name and Mailing Address Dunwoody Inc., 37 A Street Newham, NY 02194, Attn: George Wallis				A. State Manifest Document No. NY B 577124 1		
4. Generator's Phone (617 443-7600)				B. Generator's ID 60 Elm Street North Ferrisburgh, NY 10991		
5. Transporter 1 (Company Name) Wills Trucking Inc.		6. US EPA ID Number 020060913009		C. State Transporter's ID NY00000044		
7. Transporter 2 (Company Name)		8. US EPA ID Number		D. Transporter's Phone (215 650-4301)		
9. Designated Facility Name and Site Address Environment Services of Ohio, Inc. 876 Otter Creek Road Oregon, Ohio 43061-7571				E. State Transporter's ID		
10. US EPA ID Number 020045242700				F. Transporter's Phone ()		
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)				12. Containers	13. Total Quantity	14. Unit
a. 20 Hazardous Waste, Solid, H.O.S., CHEM, H2120, (2009, Mercury)				No. Type		Wt/Vol
						EPA Waste No. 9000
						STATE
						EPA
						STATE
						EPA
						STATE
J. Additional Descriptions for Materials listed Above				K. Handling Codes for Wastes Listed Above		
a				b		
b				c		
c				d		
d				e		
15. Special Handling Instructions and Additional Information 114-332-7193 24 Hr. Emergency Response Number 24/7 119-691-0115 TIN 1045-7202						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name Remond Barrett		Signature <i>Remond Barrett</i>		Mo. Day Year 03 03 92		
17. Transporter 1 (Acknowledgement of Receipt of Materials)						
Printed/Typed Name FRANK ZALLO		Signature <i>Frank Zallo</i>		Mo. Day Year 03 03 92		
18. Transporter 2 (Acknowledgement or Receipt of Materials)						
Printed/Typed Name		Signature		Mo. Day Year		
19. Discrepancy Indication Space						
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.						
Printed/Typed Name Dale Minter		Signature <i>Dale Minter</i>		Mo. Day Year 03 04 92		

In case of emergency, call the National Response Center (800) 424-9802 and the N.Y. Dept. of Environmental Conservation (518) 457-7362.

GENERATOR

TRANSPORTER

FACILITY

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES REGULATION

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Form Approved. OMB No. 2050-0039. Expires 9-30-94

Hand print or type. Do not Staple.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NYD00069291300122		Manifest Document No.		2. Page 1 1		Information in the shaded areas is not required by Federal Law.			
3. Generator's Name and Mailing Address Cornwell Inc., 37 A Street Hawthorn, MA 02194, Attn: George Wallis						A. State Manifest Document No. NY B577125 9					
4. Generator's Phone (617 449-7000)						B. Generator's ID 60 Elm Street Hawthorn, MA, 02194					
5. Transporter 1 (Company Name) Wills Trucking Inc.				6. US EPA ID Number 02D068913409		C. State Transporter's ID 02D068913409					
7. Transporter 2 (Company Name)						D. Transporter's Phone (516 689-3301)					
9. Designated Facility Name and Site Address Environment Services of Ohio, Inc. 876 Otter Creek Road Oregon, Ohio 43045-7571						10. US EPA ID Number 02D045243786		E. State Transporter's ID			
						F. Transporter's Phone ()					
						G. State Facility's ID					
						H. Facility's Phone (614 255-5100)					
11. US DOT Description (including Proper Shipping Name, Hazard Class and ID Number)						12. Containers		13. Total		14. Unit	
a. NO Hazardous Waste, Solid, H.O.S., CHEM H0189, (D009, Mercury)						No. Type		Quantity		Wt/Vol	
						01 27		4500 P		EPA Waste No. 0000	
										STATE	
										EPA	
										STATE	
										EPA	
										STATE	
										EPA	
										STATE	
J. Additional Descriptions for Materials listed Above						K. Handling Codes for Wastes Listed Above					
a. Mercury						a. <input type="checkbox"/>					
b. Mercury						b. <input checked="" type="checkbox"/>					
c. Mercury						c. <input type="checkbox"/>					
d. Mercury						d. <input type="checkbox"/>					
15. Special Handling Instructions and Additional Information 911-332-473 21 H. Emergency Response Number 417-691-0116 GEN 12457 22/31 04924											
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment. OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.											
Printed/Typed Name Kenneth Forester				Signature <i>Kenneth Forester</i>				Mo. Day Year 03 03 92			
17. Transporter 1 (Acknowledgement of Receipt of Materials)											
Printed/Typed Name Tim Barker				Signature <i>Tim Barker</i>				Mo. Day Year 03 03 92			
18. Transporter 2 (Acknowledgement or Receipt of Materials)											
Printed/Typed Name				Signature				Mo. Day Year			
19. Discrepancy Indication Space											
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.											
Printed/Typed Name Dale M Pentner				Signature <i>Dale M Pentner</i>				Mo. Day Year 03 04 92			

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES REGULATION

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Form Approved OMB No. 2050-0039 Expires 9-30-94

Please print or type. Do not Staple.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NYD00069291300123	Manifest Document No. 1	2. Page 1 of 1	Information in the shaded areas is not required by Federal Law.
3. Generator's Name and Mailing Address Duracell Inc., 37 A Street Hudson, NY 02194, Attn: George Wallis			A. State Manifest Document No. NY B 577126 8		
4. Generator's Phone (517) 445-7000			B. Generator's ID North Ferrisburgh, NY 12551		
5. Transporter 1 (Company Name) Wills Trucking Inc.		6. US EPA ID Number 0ED060913409		C. State Transporter's ID 218-455-1201	
7. Transporter 2 (Company Name)		8. US EPA ID Number		D. Transporter's Phone (218) 455-1201	
9. Designated Facility Name and Site Address EnviroSAFE Services of Ohio, Inc. 576 Otter Creek Road Oregon, Ohio 43215-7571		10. US EPA ID Number 0ED045243706		E. State Transporter's ID 413-295-6100	
				F. Transporter's Phone (413) 295-6100	
				G. State Facility's ID 413-295-6100	
				H. Facility's Phone (413) 295-6100	
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)				12. Containers	13. Total Quantity
a. RQ HAZARDOUS WASTE SOLID, N.O.S., ORM-E NA9189 (DOOG MERCURY)				No. 1	Type 250P
b.					
c.					
d.					
J. Additional Descriptions for Materials listed Above				K. Handling Codes for Wastes Listed Above	
a.				a <input type="checkbox"/> b <input type="checkbox"/> c <input type="checkbox"/>	
b.				b <input checked="" type="checkbox"/> c <input type="checkbox"/>	
15. Special Handling Instructions and Additional Information 114-332-7193 } 24 Hr. Emergency Response Number 417-071-0016 } 23.3 - 65N1045700241100					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name Thomas Patrick		Signature <i>Thomas Patrick</i>		Mo. Day Year 03 03 92	
17. Transporter 1 (Acknowledgement of Receipt of Materials)					
Printed/Typed Name AL FEUERSTEIN		Signature <i>Al Feuerstein</i>		Mo. Day Year 03 03 92	
18. Transporter 2 (Acknowledgement or Receipt of Materials)					
Printed/Typed Name		Signature		Mo. Day Year	
19. Discrepancy Indication Space					
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name JEFF HARDINE		Signature <i>Jeff Hardine</i>		Mo. Day Year 7 4 98	

In case of emergency or spill immediately call the National Response Center (800) 424-9302 and the NY Dept. of Environmental Conservation (518) 457-7362.

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Form Approved. OMB No. 2050-0039. Expires 9-30-94

Please print or type. Do not Staple.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NY 000069291300120		Manifest Document No.		2. Page 1		Information in the shaded areas is not required by Federal Law.			
3. Generator's Name and Mailing Address Dickson II Inc., 37 A Street Northampton, MA 02194, Attn: George Wallis						A. State Manifest Document No. NY B501271					
4. Generator's Phone (617) 449-7698						B. Generator's ID Northampton, MA - 10301					
5. Transporter 1 (Company Name) Wills Trucking Inc.				6. US EPA ID Number 08D060913409		C. State Transporter's ID 00000-044					
7. Transporter 2 (Company Name)				8. US EPA ID Number		D. Transporter's Phone (215) 800-331					
9. Designated Facility Name and Site Address Environment Services of Ohio, Inc. 576 Otter Creek Road Columbus, Ohio 43016-7571						10. US EPA ID Number 08D045243700					
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)						12. Containers		13. Total		14. Unit	
a. 20 Hazardous Waste, Solid, H.O.S., CMR-2, MSL129. (2003, Mercury)						No. Type		Quantity		Wt/Vol	
b.										Waste No.	
c.										EPA STATE	
d.										EPA STATE	
J. Additional Descriptions for Materials listed Above						K. Handling Codes for Wastes Listed Above					
a. Mercury						a. <input checked="" type="checkbox"/> L <input type="checkbox"/> c <input type="checkbox"/>					
b.						b. <input type="checkbox"/> 9 <input type="checkbox"/> 1 <input type="checkbox"/> 5 <input type="checkbox"/> 0 <input type="checkbox"/> 1					
15. Special Handling Instructions and Additional Information						46860 2243					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.											
Printed/Typed Name George Wallis				Signature <i>George Wallis</i>				Mo. Day Year 03 04 92			
17. Transporter 1 (Acknowledgement of Receipt of Materials)											
Printed/Typed Name				Signature				Mo. Day Year 03 04 92			
18. Transporter 2 (Acknowledgement or Receipt of Materials)											
Printed/Typed Name				Signature				Mo. Day Year			
19. Discrepancy Indication Space											
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.											
Printed/Typed Name JEFF HARRIS				Signature <i>Jeff Harris</i>				Mo. Day Year 3 5 93			

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. MD00669291300125	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal Law.
3. Generator's Name and Mailing Address Darnell Inc., 37 A Street Madison, MA 02194, Attn: George Wallis			A. State Manifest Document No. NY B57128 8		
4. Generator's Phone (617) 449-7000			B. Generator's ID 64 Elm Street North Ferrisburgh, NY 14531		
5. Transporter 1 (Company Name) Wills Trucking Inc.		6. US EPA ID Number MD0066913409		C. State Transporter's ID MD00-064	
7. Transporter 2 (Company Name)		8. US EPA ID Number		D. Transporter's Phone (202) 689-9301	
9. Designated Facility Name and Site Address Environment Services of Ohio, Inc. 876 Outer Creek Road Oregon, Ohio 43616-7571			10. US EPA ID Number MD043243706		E. State Transporter's ID
					F. Transporter's Phone ()
					G. State Facility's ID
					H. Facility's Phone (614) 285-2100

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers		13. Total Quantity	14. Unit. Wt/Vol	Waste No.
	No.	Type			
a. 20 Hazardous Waste, Solid, H.O.S., CM-E, H318, (6009, Mercury)	0	1 D T	443000		EPA 6000 STATE
b.					EPA STATE
c.					EPA STATE
d.					EPA STATE

J. Additional Designations for Materials Listed Above	K. Handling Codes for Wastes Listed Above
a. Mercury	a. L 9 S L F G D 9
b.	b.
c.	c.
d.	d.

15. Special Handling Instructions and Additional Information
 911-732-9173 } 24 Hr. Emergency
 401-691-0016 } CSU 145-5722
 23.89 1 41150
 Wt. - S. Estimated

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, picked, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method treatment, storage or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: **Kenneth Barrett** Signature: *Kenneth Barrett* Mo. Day Year: **03 04 92**

17. Transporter 1 (Acknowledgement of Receipt of Materials)

Printed/Typed Name: **Wills Trucking** Signature: *Wills* Mo. Day Year: **03 04 92**

18. Transporter 2 (Acknowledgement or Receipt of Materials)

Printed/Typed Name: Signature: Mo. Day Year:

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.

Printed/Typed Name: **JEFF HARDING** Signature: *Jeff Harding* Mo. Day Year: **03 04 92**

DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES REGULATION

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Form Approved. OMB No. 2050-0039. Expires 9-30-94

Please print or type. Do not staple.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NY0000069291300102		Manifest Document No.		2. Page 1 of 1		Information in the shaded areas is not required by Federal Law.	
3. Generator's Name and Mailing Address Jordan Inc., 37 A Street, Woodbury, MA 01791 Attn: George Wallis						A. State Manifest Document No. NY B577144 8			
4. Generator's Phone (617) 419-7666						B. Generator's ID 636011000			
5. Transporter 1 (Company Name) Waste Transfer Inc.				6. US EPA ID Number NY0000010101		C. State Transporter's ID W010000101			
7. Transporter 2 (Company Name)				8. US EPA ID Number		D. Transporter's Phone (617) 659-1091			
9. Designated Facility Name and Site Address 275 6th Street, 2nd Floor, New York, NY 10013-1515						E. State Transporter's ID W010000101			
10. US EPA ID Number NY00000243704						F. Transporter's Phone (617) 659-1091			
9. Designated Facility Name and Site Address						10. US EPA ID Number		G. State Facility's ID	
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)						12. Containers		13. Total	
a. 24 Hazardous Waste, Solid, N.O.S., 301-E, UN 189, (D009, Material)						No. Type		Quantity	
								14. Unit	
								Wt/Vol	
								Waste No.	
								EPA	
								STATE	
								EPA	
								STATE	
								EPA	
								STATE	
J. Additional Descriptions for Materials listed Above						K. Handling Codes for Wastes Listed Above			
a. Moloney						a. <input checked="" type="checkbox"/> L			
b. 55630						b. <input checked="" type="checkbox"/> 501 G D 24			
15. Special Handling Instructions and Additional Information 114-332-7173 24 Hr. Emergency Response Number 419-691-0016 CSN 10437002 Weight Estimated									
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economic practicable and that I have selected the practicable method treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.									
Printed/Typed Name Kenneth Furest				Signature <i>[Signature]</i>		Mo.		Day	
17. Transporter 1 (Acknowledgement of Receipt of Materials)				Signature <i>[Signature]</i>		Mo.		Day	
18. Transporter 2 (Acknowledgement or Receipt of Materials)				Signature <i>[Signature]</i>		Mo.		Day	
19. Discrepancy Indication Space									
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.									
Printed/Typed Name JEFF HADDINE				Signature <i>[Signature]</i>		Mo.		Day	

in case of emergency or spill immediately call the N.Y. Dept. of Environmental Conservation (518) 457-7362.

DIVISION OF HAZARDOUS SUBSTANCES REGULATION
HAZARDOUS WASTE MANIFEST
 P.O. Box 12820, Albany, New York 12212

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Form Approved. OMB No. 2050-0039. Expires 9-30-94

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NY 243 96 74113 99146		Manifest Document No. 146		2. Page 1 of 1		Information in the shaded areas is not required by Federal Law.			
3. Generator's Name and Mailing Address Prince's Inc, 37 A Street Needham, MA 02194 Attn: George Wallis						A. State Manifest Document No. NY B 629015 5					
4. Generator's Phone (617 449-7600)						B. Generator's ID 69 Elm St North Tarrytown, NY 10571					
5. Transporter 1 (Company Name) Wills Towing Inc			6. US EPA ID Number 94296 971349			C. State Transporter's ID NY 5350-069					
7. Transporter 2 (Company Name)						D. Transporter's Phone (212 679-7321)					
8. US EPA ID Number						E. State Transporter's ID					
9. Designated Facility Name and Site Address Enviro-Tech Services of Ohio, Inc 275 Woodman Road Cincinnati, Ohio 43216-7571						G. State Facility's ID					
10. US EPA ID Number OH 90454437016						H. Facility's Phone 419 255-5100					
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)						12. Containers		13. Total		14. Unit	
						No. Type		Quantity		Wt/Vol	
a. RQ PCBs (Waste)											
b. Mercury											
c. Mercury											
d. Mercury											
J. Additional Descriptions for Materials listed Above						K. Handling Codes for Wastes Listed Above					
a. Mercury						a. <input checked="" type="checkbox"/> L <input checked="" type="checkbox"/> 5 <input checked="" type="checkbox"/> 6 <input checked="" type="checkbox"/> 9					
b. Mercury						b. <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>					
c. Mercury						c. <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>					
d. Mercury						d. <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>					
15. Special Handling Instructions and Additional Information 914-332-9193 } 24 Hr. Emergency Response Number 419-691-0016 } GSN 10457062 weight Estimate						43030 24.01					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.											
Printed/Typed Name Kenneth Forrest				Signature <i>Kenneth Forrest</i>				Mo. Day Year 10/26/12			
17. Transporter 1 (Acknowledgement of Receipt of Materials)											
Printed/Typed Name Todd E Bann				Signature <i>Todd E Bann</i>				Mo. Day Year 10/30/12			
18. Transporter 2 (Acknowledgement or Receipt of Materials)											
Printed/Typed Name				Signature				Mo. Day Year			
19. Discrepancy Indication Space											
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.											
Printed/Typed Name JEFF HARDING				Signature <i>Jeff Harding</i>				Mo. Day Year 10/30/12			

424 Environmental Conservation (51R) 457-7362
 U.S. Department of Environmental Protection
 National Response Center
 In case of emergency, call 1-800-424-6742

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES REGULATION

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

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UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NYD000009291300131		Manifest Document No. 131		2. Page 1 of 1		Information in the shaded areas is not required by Federal Law.		
3. Generator's Name and Mailing Address Duracell Inc., 37A Street Rochester, NY 02194, Attn: George Wallis						A. State Manifest Document No. NY B 577134 9				
4. Generator's Phone (617) 449-7008						B. Generator's ID				
5. Transporter 1 (Company Name) Wills Trucking Inc.			6. US EPA ID Number 02D060913409			C. State Transporter's ID NYD00-064				
7. Transporter 2 (Company Name)						D. Transporter's Phone (216) 689-9381				
9. Designated Facility Name and Site Address EnviroSAFE Services of Ohio, Inc. 876 Otter Creek Road Oregon, Ohio 43616-7571						10. US EPA ID Number 02D045243709				
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)						12. Containers		13. Total	14. Unit	15. Waste No.
a. HQ Hazardous Waste, Solid, N.O.S., CM-E MS189, (D009, Mercury)						No. Type 01 D T 43800 P		Quantity	Wt/Vol	EPA D009
b.										STATE
c.										STATE
d.										STATE
J. Additional Descriptions for Materials listed Above						K. Handling Codes for Wastes Listed Above				
a. Mercury						a. <input checked="" type="checkbox"/>	c. <input type="checkbox"/>	b. <input type="checkbox"/>	d. <input type="checkbox"/>	
b.						b. <input type="checkbox"/>	d. <input type="checkbox"/>			
15. Special Handling Instructions and Additional Information 24 Hour Emergency Response # (419) 691-8616 CER 10457002 (914) 333-9193										
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.										
Printed/Typed Name Kenneth Forrest			Signature <i>[Signature]</i>			Mo. Day Year 10/1/97				
17. Transporter 1 (Acknowledgement of Receipt of Materials)										
Printed/Typed Name <i>[Signature]</i>			Signature <i>[Signature]</i>			Mo. Day Year 10/1/97				
18. Transporter 2 (Acknowledgement of Receipt of Materials)										
Printed/Typed Name			Signature			Mo. Day Year				
19. Discrepancy Indication Space										
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.										
Printed/Typed Name			Signature			Mo. Day Year				

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the N.Y. Dept. of Environmental Conservation (518) 457-7362.

NY B 577134 9

DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES REGULATION

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

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Please print or type. Do not Staple.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NY000069291300132		Manifest Document No. 1		2. Page 1 of 1		Information in the shaded areas is not required by Federal Law.		
3. Generator's Name and Mailing Address Duracell Inc., 37A Street Northham, MA 02194, Attn: George Wallis						A. State Manifest Document No. NY B 577135 8				
4. Generator's Phone (617 449-7600)						B. Generator's ID 68 Elm Street North Ferrisburgh, NY 12551				
5. Transporter 1 (Company Name) Wills Trucking Inc.				6. US EPA ID Number 02D068913509		C. State Transporter's ID NY0000044				
7. Transporter 2 (Company Name)						D. Transporter's Phone (215 639-2001)				
9. Designated Facility Name and Site Address EnviroSAFE Services of Ohio, Inc. 876 Otter Creek Road Oregon, Ohio 43616-7571						10. US EPA ID Number 02D045243706				
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)						12. Containers		13. Total Quantity	14. Unit	I. Waste No.
a. RG Hazardous Waste, Solid, H.O.S., GM-3 MS189, (D009, Mercury)						No. Type		Quantity	Wt/Vol	EPA
										STATE
b.										EPA
										STATE
c.										EPA
										STATE
d.										EPA
										STATE
J. Additional Descriptions for Materials listed Above						K. Handling Codes for Wastes Listed Above				
a Mercury						a	b	c	d	
b						b				
15. Special Handling Instructions and Additional Information 24 Hour Emergency Response @ (419) 691-0016 GM 10457002 (914) 332-9193										
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.										
Printed/Typed Name Kenneth Forrest			Signature <i>Kenneth Forrest</i>			Mo.		Day		Year
17. Transporter 1 (Acknowledgement of Receipt of Materials)			Printed/Typed Name <i>John A. [unclear]</i>			Signature <i>John A. [unclear]</i>			Mo. Day Year 12/1/94	
18. Transporter 2 (Acknowledgement or Receipt of Materials)			Printed/Typed Name			Signature			Mo. Day Year	
19. Discrepancy Indication Space										
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.			Printed/Typed Name			Signature			Mo. Day Year	

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STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES REGULATION
HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212

Form Approved. OMB No. 2050-0039. Expires 9-30-94

Please print or type. Do not Staple.

GENERATOR
TAXPAYER

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NYD00069291100110		Manifest Document No. 1		2. Page 1 of 1		Information in the shaded areas is not required by Federal Law.		
3. Generator's Name and Mailing Address Duracell Inc., 37A Street Hudson, MA 02194, Attn: George Wallis						A. State Manifest Document No. NY B 577138 5				
4. Generator's Phone (617 449-7600)						B. Generator's ID GE 11a Street North Ferrisburgh, VT 05811				
5. Transporter 1 (Company Name) Wills Trucking Inc.			6. US EPA ID Number GH0668911409			C. State Transporter's ID 00000-001				
7. Transporter 2 (Company Name)			8. US EPA ID Number			D. Transporter's Phone (216 659-4301)				
9. Designated Facility Name and Site Address EnviroSAFE Services of Ohio, Inc. 676 Otter Creek Road Oregon, Ohio 43616-7571						10. US EPA ID Number GH045243706				
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)						12. Containers		13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ Hazardous Waste, Solid, H.O.S., GM-X, NA3189, (D009, Mercury)						No. Type		Quantity	Wt/Vol	EPA STATE
								910245000	P	EPA STATE
b.										EPA STATE
c.										EPA STATE
d.										EPA STATE
J. Additional Descriptions for Materials listed Above						K. Handling Codes for Wastes Listed Above				
a. Mercury						a	b	c	d	
b.										
15. Special Handling Instructions and Additional Information 24 Hour Emergency Response @ (419) 691-0616 GH 18457862 (914) 333-9193										
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.										
Printed/Typed Name Kenneth Forrest			Signature <i>Kenneth Forrest</i>			Mo.		Day		Year
17. Transporter 1 (Acknowledgement of Receipt of Materials)			Printed/Typed Name Wayne Cochran			Signature <i>Wayne Cochran</i>			Mo. Day Year 10/11/92	
18. Transporter 2 (Acknowledgement or Receipt of Materials)			Printed/Typed Name			Signature			Mo. Day Year	
19. Discrepancy Indication Space										
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.										
Printed/Typed Name			Signature			Mo.		Day		Year

NY B 577138 5

APPENDIX D

POST EXCAVATION SOIL SAMPLING

TABLE OF CONTENTS

Soil Sampling and Analysis Methodologies
Laboratory Reports

Sample Location

Laboratory Report Page

Sampling Date: March 5, 1992

b- 22	1
b- 23	1
c- 22*	1
c- 22.5	1
c- 25	1
d- 22	1
d- 23	1
d- 26	1
e- 25	2
f'- 25.5	2
f- 23	2
f- 23.5	2
g'- 25	2
D- 23	1
D- 24	1
D'- 22	1
D'- 24.5	1
D''- 23.5	1
F- 22	2
F- 23	2
F- 25	2
F- 26*	2
F- 27	2
G- 23	2
G- 24	2
G- 25*	2
G- 26	2
G- 27	2

TABLE OF CONTENTS

- continued -

*Intermediate Post Excavation Soil Sample
Sampling Date: April 15, 1992

Sample Location

Laboratory Report Page

1	3
2	3
3	3
4	3
5	3
6	3
7	3
8	3
9	3
10	3
11	3
12	3

SOIL SAMPLING AND ANALYSIS METHODOLOGIES

Post excavation soil samples were collected on March 5 and April 15, 1992. The samples were collected at each location from 0 to 6 inches below grade using a precleaned $\frac{3}{4}$ inch diameter stainless steel tube sampler. The sampler was washed with a detergent solution and rinsed with distilled water prior to collecting each sample. Samples were collected in precleaned laboratory furnished containers and transported the same day to Esarco, Inc., Irvington, New York for mercury analysis.

Eсарco, Inc. analyzed the samples for mercury in accordance with "Test Methods for Evaluating Solid Wastes," EPA SW-846: Method 7471: Manual cold vapor technique.

Project no: 425 - 1
Project Name: Duracell, Tarrytown, NY
Sample Date: March 5, 1992
Date Received: March 5, 1992
Date Analyzed: March 13-17, 1992

LABORATORY REPORT

Sample ID Location No	Mercury T. Hg mg/kg
3/5/92 Duracell	
PE - RB	LT 0.0006
PE b-22	LT 0.0006
PE b-23	1.17
PE C-22	41.2
PE C-22.5	LT 0.0006
PE C-25	4.53
PE D-23	LT 0.0006
PE D-24 & Duplicate	LT 0.0006
PE D'-22	LT 0.0006
PE D'24.5	0.88
PE D"-23.5	12.4
PE d-22	1.91
PE d-23	6.43
PE d-26	15.4
Duplicate d-26	5.74
Average	10.6

Project 425 - 1 cont'

Sample ID Location No	Mercury T. Hg mg/kg
--------------------------	------------------------

3/5/92 Duracell

PE e-25	LT 0.0006
PE F-22	1.38
PE F-23	LT 0.0006
PE F-25	4.85
PE F-26	1008
PE F-27	18.0
PE f-23	LT 0.0006
PE f-23.5	12.5
PE f'-25.5	LT 0.0006
PE G-23	19.2
PE G-24	25.9
PE G-25	113
PE G-26	3.41
PE G-27	10.4
PE g'-25 & Duplicate	LT 0.0006

Quality Control Data:

EPA 475-6 = 8.0 ug/l(4-11) 4.1 ug/l

Spike: d-26 87.8% Recovery
 g'-25 105% "

Project No: 425-1
Project Name: Duracell, Tarrytown, NY
Sample Date: April 15, 1992, 1:00 pm
Date Received: April 17, 1992, 3:00 pm
Friday
Date Analyzed: April 20 - 22, 1992

Laboratory Report

Sample ID Location No	Mercury T. Hg mg/kg
4/15/92 Duracell Rinse Blank	ND
Sample No 1	1.13
2	1.55
3	18.8
4	35.8
5	8.65
6	21.6
7	9.60
8	9.10
9	0.45
10	1.17
11	29.7
12	32.3
EPA 475-6 (4.0 - 11.0 ug/l)	4.90

Detection Limit = 0.0006 mg/l

J.C.

APPENDIX E

BORROW MATERIAL LABORATORY ANALYSIS REPORTS

TABLE OF CONTENTS

<u>Description</u>	<u>No. of Pages</u>
Soil Sampling and Analysis Methodology	1
Laboratory Reports	
CTM Analytical Laboratories	14
Esarco Inc.	1
Ecotest Laboratories, Inc.	1

SOIL SAMPLING AND ANALYSIS METHODOLOGIES

Stockpile samples were collected on May 11, 1992 at four locations from 0 to 6 inches below the surface using a precleaned stainless steel trowel. The trowel was washed with a detergent solution and rinsed with distilled water prior to use. The samples were collected in precleaned laboratory furnished 250 ml glass jars with teflon lined caps. The containers were placed with frozen plastic blocks in an insulated overpack and shipped by overnight delivery to C.T.M. Analytical Laboratories, Latham, New York for analysis. One sample was analyzed for VOCs. The laboratory composited equal weight aliquots of each sample for analysis of metals and BNAs.

Duplicate samples of the stockpile were collected on June 8, 1992 using the above procedures and transported to the laboratories on the same day. One set of samples was transported to Esarco, Inc., Irvington, New York and the other set was transported to Ecotest Laboratories, Inc., North Babylon, New York. Each laboratory composited the samples on an equal weight basis for analysis of selenium.

Analytical methods are presented on the laboratory reports.

CTM ANALYTICAL LABS, LTD.
15 Century Hill Dr.
Latham, NY 12110
Phone: (518)786-7100 Fax: (518)786-7139

Laboratory Analysis Report
Prepared for: EDER ASSOCIATES P.C.
Project Number: 92.03057
Task Number: 920512E
19 MAY 1992

IMPORTANT - PLEASE NOTE

1. All results are calculated on a dry weight basis unless otherwise specified.
2. PQL = Practical Quantitation Limit.
3. A result with a "D" means that the result was "Detected" below the Practical Quantitation Limit (PQL), but above the Method Detection Limit (MDL).
4. ND = Not Detected at or above the PQL.
5. NTP = Non-target peaks (0-5 peaks).
MNTP = Many non-target peaks (5+ peaks).
6. pH results not performed in the field should be considered estimated since the holding time is 15 minutes from the sampling time.

RECEIVED
AT EA
MAY 21 1992

425-1

CERTIFICATIONS:

NYS E.L.A.P. ID NO: 10358	MA: NY052	CT: PH-0551
NJ: 73581	PA: 68-402	NH: 199014-C

EDER ASSOCIATES P.C.

CTM PROJECT #: 92.03057

85 FOREST AVENUE

LOCUST VALLEY NY 11560

CTM Task #: 920512E

Attention: MR. BRIAN PENDERGAST

Purchase Order Number: 425-1

CTM Sample No: 920512E 03

Date Sampled: 05/11/92 Time: 10:00 AM

Date Received: 05/12/92

Sampled By: PENDERGAST

Collection Method: GRAB

Sample Id: T-1

Matrix: SOIL

Location: MILLWOOD, NY

Parameters and Standard Methodology Used

Parameters and Standard Methodology Used		Results	PQL	Unit	Analyst Reference
PRIORITY POLLUTANT VOLATILES		COMPLETE			JBF:92 5/14/92
CHLOROMETHANE	SW-846 METHOD 8240	ND	12	MCG/KG	JBF:92 5/14/92
VINYL CHLORIDE	SW-846 METHOD 8240	ND	12	MCG/KG	JBF:92 5/14/92
BROMOMETHANE	SW-846 METHOD 8240	ND	12	MCG/KG	JBF:92 5/14/92
CHLOROETHANE	SW-846 METHOD 8240	ND	12	MCG/KG	JBF:92 5/14/92
1,1-DICHLOROETHANE	SW-846 METHOD 8240	ND	6	MCG/KG	JBF:92 5/14/92
METHYLENE CHLORIDE	SW-846 METHOD 8240	11*	6	MCG/KG	JBF:92 5/14/92
TRANS 1,2-DICHLOROETHENE	SW-846 METHOD 8240	ND	6	MCG/KG	JBF:92 5/14/92
1,1-DICHLOROETHENE	SW-846 METHOD 8240	ND	6	MCG/KG	JBF:92 5/14/92
CHLOROFORM	SW-846 METHOD 8240	ND	6	MCG/KG	JBF:92 5/14/92
1,1,1-TRICHLOROETHANE	SW-846 METHOD 8240	ND	6	MCG/KG	JBF:92 5/14/92
CARBON TETRACHLORIDE	SW-846 METHOD 8240	ND	6	MCG/KG	JBF:92 5/14/92
BENZENE	SW-846 METHOD 8240	ND	6	MCG/KG	JBF:92 5/14/92
1,2-DICHLOROETHANE	SW-846 METHOD 8240	ND	6	MCG/KG	JBF:92 5/14/92
TRICHLOROETHENE	SW-846 METHOD 8240	ND	6	MCG/KG	JBF:92 5/14/92
1,2-DICHLOROPROPANE	SW-846 METHOD 8240	ND	6	MCG/KG	JBF:92 5/14/92
BROMODICHLOROMETHANE	SW-846 METHOD 8240	ND	6	MCG/KG	JBF:92 5/14/92
TRANS-1,3-DICHLOROPROPENE	SW-846 METHOD 8240	ND	6	MCG/KG	JBF:92 5/14/92
TOLUENE	SW-846 METHOD 8240	ND	6	MCG/KG	JBF:92 5/14/92
1,1,2-TRICHLOROETHANE	SW-846 METHOD 8240	ND	6	MCG/KG	JBF:92 5/14/92
TETRACHLOROETHENE	SW-846 METHOD 8240	ND	6	MCG/KG	JBF:92 5/14/92
DIBROMOCHLOROMETHANE	SW-846 METHOD 8240	ND	6	MCG/KG	JBF:92 5/14/92
CHLOROBENZENE	SW-846 METHOD 8240	ND	6	MCG/KG	JBF:92 5/14/92
ETHYLBENZENE	SW-846 METHOD 8240	ND	6	MCG/KG	JBF:92 5/14/92
BROMOFORM	SW-846 METHOD 8240	ND	6	MCG/KG	JBF:92 5/14/92
1,1,2,2-TETRACHLOROETHANE	SW-846 METHOD 8240	ND	6	MCG/KG	JBF:92 5/14/92
ACROLEIN	SW-846 METHOD 8240	ND	6	MCG/KG	JBF:92 5/14/92
ACRYLONITRILE	SW-846 METHOD 8240	ND	6	MCG/KG	JBF:92 5/14/92
CIS-1,3-DICHLOROPROPENE	SW-846 METHOD 8240	ND	6	MCG/KG	JBF:92 5/14/92
2-CHLOROETHYL VINYLETHER	SW-846 METHOD 8240	ND	6	MCG/KG	JBF:92 5/14/92
1,3-DICHLOROBENZENE	SW-846 METHOD 8240	ND	6	MCG/KG	JBF:92 5/14/92
1,4-DICHLOROBENZENE	SW-846 METHOD 8240	ND	6	MCG/KG	JBF:92 5/14/92
1,2-DICHLOROBENZENE	SW-846 METHOD 8240	ND	6	MCG/KG	JBF:92 5/14/92
% SOLIDS	CLP SCW 4/89	82		%	GY 5/14

REMARKS: * Probable laboratory artifact.

LEGEND: MG/KG=PPM, MCG/KG=PPB, MG/L=PPM, MCG/L=PPB, MCG/G=PPM

EDER ASSOCIATES P.C.

CTM PROJECT #: 92.03057

85 FOREST AVENUE

LOCUST VALLEY NY 11560

CTM Task #: 920512E

Attention: MR. BRIAN PENDERGAST

Purchase Order Number: 425-1

CTM Sample No: 920512E 04

Date Sampled: 05/11/92 Time: 10:00 AM

Date Received: 05/12/92

Sampled By : PENDERGAST

Collection Method: GRAB

Sample Id: T-1/T-2/T-3/T-4

Matrix: SOIL

Location : MILLWOOD, NY

Parameters and Standard Methodology Used	Results	PQL	Unit	Analyst Reference
COMPOSITE OF SAMPLES	CTM	COMPLETED		5/92
COMPOSITE OF SAMPLES	CTM	COMPLETED		5/92
ARSENIC	ICP, EPA METHOD 6010	ND	12.3 MG/KG	AS:007 5/14
BERYLLIUM	ICP, EPA METHOD 6010	ND	0.61 MG/KG	AS:007 5/14
CADMIUM	ICP, EPA METHOD 6010	ND	4.3 MG/KG	AS:007 5/14
CHROMIUM	ICP, EPA METHOD 6010	22.3	1.2 MG/KG	AS:007 5/14
COPPER	ICP, EPA METHOD 6010	26.7	6.1 MG/KG	AS:007 5/14
LEAD	ICP, EPA METHOD 6010	102	6.1 MG/KG	AS:007 5/14
MERCURY	SW-846 7471	0.15	0.12 MG/KG	E1:9 5/18/92
MERCURY PREPARATION - SOLID	SW-846 METHOD 7471	COMPLETED		D10:63 5/15
NICKEL	ICP, EPA METHOD 6010	17.0	3.7 MG/KG	AS:007 5/14
SELENIUM	ICP, EPA METHOD 6010	177	12.3 MG/KG	AS:007 5/14
SILVER	ICP, EPA METHOD 6010	ND	1.2 MG/KG	AS:007 5/14
ANTIMONY	ICP, EPA METHOD 6010	ND	7.4 MG/KG	AS:007 5/14
THALLIUM	SW-846 7840	ND	1.2 MG/KG	HGA:926 5/14
ZINC	ICP, EPA METHOD 6010	112	2.5 MG/KG	AS:007 5/14
ACID DIGESTION - FLAME/ICP	SW-846 3050	COMPLETED		D10:59 5/14
ACID DIGESTION - FURNACE	SW-846 METHOD 3050	COMPLETED		D10:59 5/14
% SOLIDS	CLP SOW 4/89	82	%	EP 5/13
PRIORITY POLLUTANT ACIDS		COMPLETED		CM N:20 5/15/92
EXTRACTION FOR PRIORITY POLLUTANTS - ACIDS		EXTRACTED		DO 5/13
PHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	810 MCG/KG	CM N:20 5/15/92
2-CHLOROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	810 MCG/KG	CM N:20 5/15/92
2-NITROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	810 MCG/KG	CM N:20 5/15/92
2,4-DIMETHYLPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	810 MCG/KG	CM N:20 5/15/92
2,4-DICHLOROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	810 MCG/KG	CM N:20 5/15/92
2,4,6-TRICHLOROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	810 MCG/KG	CM N:20 5/15/92
2,4-DINITROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	4,000 MCG/KG	CM N:20 5/15/92
4-NITROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	4,000 MCG/KG	CM N:20 5/15/92
PENTACHLOROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	4,000 MCG/KG	CM N:20 5/15/92
2-METHYL-4,6-DINITROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	4,000 MCG/KG	CM N:20 5/15/92
4-CHLORO-3-METHYLPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	1,600 MCG/KG	CM N:20 5/15/92
PRIORITY POLLUTANT BASE/NEUTRALS		COMPLETED		CM N:20 5/15/92
EXTRACTION FOR PRIORITY POLLUTANT - BASE/NEUTRALS		EXTRACTED		DO 5/13
N-NITROSODIMETHYLAMINE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	810 MCG/KG	CM N:20 5/15/92
BIS-(2-CHLOROETHYL)-ETHER	SW-846 METHOD 8270 BASE/NEUTRALS	ND	810 MCG/KG	CM N:20 5/15/92

(CONTINUES ON NEXT PAGE)

REMARKS:

EDER ASSOCIATES P.C.
 85 FOREST AVENUE
 LOCUST VALLEY NY 11560

CTM PROJECT #: 92.03057

Attention: MR. BRIAN PENDERGAST

CTM Task #: 920512E

Purchase Order Number: 425-1
 Date Sampled: 05/11/92 Time: 10:00 AM
 Sampled By: PENDERGAST
 Sample Id: T-1/T-2/T-3/T-4
 Location: MILLWOOD, NY

CTM Sample No: 920512E 04
 Date Received: 05/12/92
 Collection Method: GRAB
 Matrix: SOIL

Parameters and Standard Methodology Used

Results PQL Unit Analyst Reference

(CONTINUED FROM PREVIOUS PAGE)

1,3-DICHLOROBENZENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	810	MCG/KG	CM N:20 5/15/92
1,4-DICHLOROBENZENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	810	MCG/KG	CM N:20 5/15/92
1,2-DICHLOROBENZENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	810	MCG/KG	CM N:20 5/15/92
BIS-(2-CHLORODISOPROPYL)-ETHER	SW-846 METHOD 8270 BASE/NEUTRALS	ND	810	MCG/KG	CM N:20 5/15/92
N-NITROSO-DIPROPYLAMINE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	810	MCG/KG	CM N:20 5/15/92
HEXACHLOROETHANE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	810	MCG/KG	CM N:20 5/15/92
NITROBENZENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	810	MCG/KG	CM N:20 5/15/92
ISOPHORONE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	810	MCG/KG	CM N:20 5/15/92
BIS-(2-CHLORODETHOXY)-METHANE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	810	MCG/KG	CM N:20 5/15/92
1,2,4-TRICHLOROBENZENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	810	MCG/KG	CM N:20 5/15/92
NAPHTHALENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	810	MCG/KG	CM N:20 5/15/92
HEXACHLOROBUTADIENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	810	MCG/KG	CM N:20 5/15/92
HEXACHLOROCYCLOPENTADIENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	810	MCG/KG	CM N:20 5/15/92
2-CHLORONAPHTHALENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	810	MCG/KG	CM N:20 5/15/92
DIMETHYL PHTHALATE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	810	MCG/KG	CM N:20 5/15/92
ACENAPHTHYLENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	810	MCG/KG	CM N:20 5/15/92
ACENAPHTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	810	MCG/KG	CM N:20 5/15/92
2,6-DINITROTOLUENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	810	MCG/KG	CM N:20 5/15/92
2,4-DINITROTOLUENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	810	MCG/KG	CM N:20 5/15/92
DIETHYL PHTHALATE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	810	MCG/KG	CM N:20 5/15/92
4-CHLOROPHENYL-PHENYL-ETHER	SW-846 METHOD 8270 BASE/NEUTRALS	ND	810	MCG/KG	CM N:20 5/15/92
FLUORENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	810	MCG/KG	CM N:20 5/15/92
N-NITROSODIPHENYLAMINE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	810	MCG/KG	CM N:20 5/15/92
4-BROMOPHENYL-PHENYL-ETHER	SW-846 METHOD 8270 BASE/NEUTRALS	ND	810	MCG/KG	CM N:20 5/15/92
HEXACHLOROBENZENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	810	MCG/KG	CM N:20 5/15/92
PHENANTHRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	810	MCG/KG	CM N:20 5/15/92
ANTHRACENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	810	MCG/KG	CM N:20 5/15/92
DI-N-BUTYLPHTHALATE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	810	MCG/KG	CM N:20 5/15/92
FLUORANTHRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	810	MCG/KG	CM N:20 5/15/92
PYRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	810	MCG/KG	CM N:20 5/15/92
BENZIDINE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	4,000	MCG/KG	CM N:20 5/15/92
BUTYL-BENZYL PHTHALATE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	810	MCG/KG	CM N:20 5/15/92
BENZO(A) ANTHRACENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	810	MCG/KG	CM N:20 5/15/92
3,3-DICHLOROBENZIDINE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	1,600	MCG/KG	CM N:20 5/15/92

(CONTINUES ON NEXT PAGE)

REMARKS:

EDER ASSOCIATES P.C.
85 FOREST AVENUE
LOCUST VALLEY NY 11560

CTM PROJECT #: 92.03057

Attention: MR. BRIAN PENDERGAST

CTM Task #: 920512E

Purchase Order Number: 425-1

CTM Sample No: 920512E 04

Date Sampled: 05/11/92 Time: 10:00 AM

Date Received: 05/12/92

Sampled By: PENDERGAST

Collection Method: GRAB

Sample Id: T-1/T-2/T-3/T-4

Matrix: SOIL

Location: MILLWOOD, NY

Parameters and Standard Methodology Used

Results PQL Unit Analyst Reference

(CONTINUED FROM PREVIOUS PAGE)

Parameters and Standard Methodology Used	Results	PQL	Unit	Analyst Reference
BIS-(2-ETHYL-HEXYL) PHTHALATE SW-846 METHOD 8270 BASE/NEUTRALS	ND	810	MCG/KG	CM N:20 5/15/92
DI-N-OCTYL PHTHALATE SW-846 METHOD 8270 BASE/NEUTRALS	ND	810	MCG/KG	CM N:20 5/15/92
BENZO(B) FLUORANTHENE SW-846 METHOD 8270 BASE/NEUTRALS	ND	810	MCG/KG	CM N:20 5/15/92
BENZO(A) PYRENE SW-846 METHOD 8270 BASE/NEUTRALS	ND	810	MCG/KG	CM N:20 5/15/92
INDENO-(1,2,3)-(C,D)-PYRENE SW-846 METHOD 8270 BASE/NEUTRALS	ND	810	MCG/KG	CM N:20 5/15/92
DIBENZO-(A,H)-ANTHRACENE SW-846 METHOD 8270 BASE/NEUTRALS	ND	810	MCG/KG	CM N:20 5/15/92
1,2-DIPHENYL HYDRAZINE SW-846 METHOD 8270 (BASE/NEUTRAL EXTRACT.)	ND	810	MCG/KG	CM N:20 5/15/92
BENZO(K) FLUORANTHENE SW-846 METHOD 8270 BASE/NEUTRALS	ND	810	MCG/KG	CM N:20 5/15/92
CHRYSENE SW-846 METHOD 8270 BASE/NEUTRALS	ND	810	MCG/KG	CM N:20 5/15/92
BENZO-(G,H,I)-PERYLENE SW-846 METHOD 8270 BASE/NEUTRALS	ND	810	MCG/KG	CM N:20 5/15/92

REMARKS:

AUTHORIZED FOR RELEASE:

Tom M... ..

LEGEND: MG/KG=PPM, MCG/KG=PPB, MG/L=PPM, MCG/L=PPB, MCG/G=PPM

CTM ANALYTICAL LABS, LTD.
15 Century Hill Dr.
Latham, NY 12110
Phone: (518)786-7100 Fax: (518)786-7139

Laboratory Analysis Report
Prepared for: EDER ASSOCIATES P.C.
Project Number: 92.03057
Task Number: 920521E
27 MAY 1992

IMPORTANT - PLEASE NOTE

1. All results are calculated on a dry weight basis unless otherwise specified.
2. PQL = Practical Quantitation Limit.
3. A result with a "D" means that the result was "Detected" below the Practical Quantitation Limit (PQL), but above the Method Detection Limit (MDL).
4. ND = Not Detected at or above the PQL.
5. NTP = Non-target peaks (0-5 peaks).
MNTP = Many non-target peaks (5+ peaks).
6. pH results not performed in the field should be considered estimated since the holding time is 15 minutes from the sampling time.

RECEIVED AT EA JUN 01 1992
FILE NO. 425-1
NAME _____
SIO _____
OTHER _____

CERTIFICATIONS:

NYS E.L.A.P. ID NO: 10358	MA: NY052	CT: PH-0551
NJ: 73581	PA: 68-402	NH: 199014-C

EDER ASSOCIATES P.C.
85 FOREST AVENUE
LOCUST VALLEY NY 11560

CTM PROJECT #: 92.03057

CTM Task #: 920521E

Attention: MR. JAMES VALENTI

Purchase Order Number:
Date Sampled: 05/11/92 Time: 00:00
Sampled By : UNKNOWN
Sample Id: T-1
Location : UNKNOWN

CTM Sample No: 920521E 01
Date Received: 05/11/92
Collection Method: GRAB
Matrix: SOIL

Parameters and Standard Methodology Used

		Results	PQL	Unit	Analyst Reference
ACID DIGESTION - FLAME/ICP	SM-846 3050	COMPLETED			D10:70 5/21
SELENIUM	ICP, EPA METHOD 6010	36.2	11.4	MG/KG	AS:020 5/22/92
% SOLIDS	CLP SOW 4/89	84		%	FN 5/26/92

REMARKS:

LEGEND: MG/KG=PPM, MCG/KG=PPB, MG/L=PPM, MCG/L=PPB, MCG/G=PPM

EDER ASSOCIATES P.C.
85 FOREST AVENUE
LOCUST VALLEY NY 11560

CTM PROJECT #: 92.03057

Attention: MR. JAMES VALENTI

CTM Task #: 920521E

Purchase Order Number:
Date Sampled: 05/11/92 Time: 00:00
Sampled By: UNKNOWN
Sample Id: T-2
Location: UNKNOWN

CTM Sample No: 920521E 02
Date Received: 05/11/92
Collection Method: GRAB
Matrix: SOIL

Parameters and Standard Methodology Used

		<u>Results</u>	<u>PQL</u>	<u>Unit</u>	<u>Analyst Reference</u>
ACID DIGESTION - FLAME/ICP	SW-846 3050	COMPLETED			D10:70 5/21
SELENIUM	ICP, EPA METHOD 6010	42.7	11.1	MG/KG	A5:020 5/22/92
% SOLIDS	CLP SOW 4/89	81		%	FN 5/26/92

REMARKS:

LEGEND: MG/KG=PPM, MCG/KG=PPB, MG/L=PPM, MCG/L=PPB, MCG/G=PPM

EDER ASSOCIATES P.C.
85 FOREST AVENUE
LOCUST VALLEY NY 11560

CTM PROJECT #: 92.03057

CTM Task #: 920521E

Attention: MR. JAMES VALENTI

Purchase Order Number:
Date Sampled: 05/11/92 Time: 00:00
Sampled By: UNKNOWN
Sample Id: T-3
Location: UNKNOWN

CTM Sample No: 920521E 03
Date Received: 05/11/92
Collection Method: GRAB
Matrix: SOIL

Parameters and Standard Methodology Used	Results	PQL	Unit	Analyst Reference	
ACID DIGESTION - FLAME/ICP	SM-846 3050	COMPLETED		D10:70 5/21	
SELENIUM	ICP, EPA METHOD 6010	45.0	11.8	MG/KG	A5:020 5/22/92
% SOLIDS	CLP SOW 4/89	82	%		FN 5/26/92

REMARKS:

LEGEND: MG/KG=PPM, MCG/KG=PPB, MG/L=PPM, MCG/L=PPB, MCG/G=PPM

EDER ASSOCIATES P.C.
85 FOREST AVENUE
LOCUST VALLEY NY 11560

CTM PROJECT #: 92.03057

CTM Task #: 920521E

Attention: MR. JAMES VALENTI

Purchase Order Number:
Date Sampled: 05/11/92 Time: 200:00
Sampled By : UNKNOWN
Sample Id: T-4
Location : UNKNOWN

CTM Sample No: 920521E 04
Date Received: 05/11/92
Collection Method: GRAB
Matrix: SOIL

Parameters and Standard Methodology Used

Results PQL Unit Analyst Reference

ACID DIGESTION - FLAME/ICP	SW-846 3050	COMPLETED			D10:70 5/21
SELENIUM	ICP, EPA METHOD 6010	54.5	11.4	MG/KG	AS:020 5/22/92
% SOLIDS	CLP SOW 4/89	84		%	FN 5/26/92

REMARKS:

LEGEND: MG/KG=PPM, MCG/KG=PPB, MG/L=PPM, MCG/L=PPB, MCG/G=PPM

EDER ASSOCIATES P.C.
85 FOREST AVENUE
LOCUST VALLEY NY 11560

CTM PROJECT #: 92.03057

CTM Task #: 920521E

Attention: MR. JAMES VALENTI

Purchase Order Number:
Date Sampled: 05/11/92 Time: 00:00
Sampled By : UNKNOWN
Sample Id: F-1
Location : UNKNOWN

CTM Sample No: 920521E 05
Date Received: 05/11/92
Collection Method: GRAB
Matrix: SOIL

Parameters and Standard Methodology Used

Results PQL Unit Analyst Reference

ACID DIGESTION - FLAME/ICP	SW-846 3050	COMPLETED			D10:70 5/21
SELENIUM	ICP, EPA METHOD 6010	36.4	10.6	MG/KG	AS:020 5/22/92
% SOLIDS	CLP SOW 4/89	87		%	FN 5/26/92

REMARKS:

LEGEND: MG/KG=PPM, MCG/KG=PPB, MG/L=PPM, MCG/L=PPB, MCG/G=PPM

EDER ASSOCIATES P.C.
85 FOREST AVENUE
LOCUST VALLEY NY 11560

CTM PROJECT #: 92.03057

Attention: MR. JAMES VALENTI

CTM Task #: 920521E

Purchase Order Number:
Date Sampled: 05/11/92 Time: 00:00
Sampled By: UNKNOWN
Sample Id: F-2
Location: UNKNOWN

CTM Sample No: 920521E 06
Date Received: 05/11/92
Collection Method: GRAB
Matrix: SDIL

Parameters and Standard Methodology Used

Results PQL Unit Analyst Reference

ACID DIGESTION - FLAME/ICP	SW-846 3050	COMPLETED			D10:70 5/21
SELENIUM	ICP, EPA METHOD 6010	36.6	10.9	MG/KG	AS:020 5/22/92
% SOLIDS	CLP SOW 4/89	87		%	FN 5/26/92

REMARKS:

LEGEND: MG/KG=PPM, MCG/KG=PPB, MG/L=PPM, MCG/L=PPB, MCG/G=PPM

EDER ASSOCIATES P.C.
85 FOREST AVENUE
LOCUST VALLEY NY 11560

CTM PROJECT #: 92.03057

CTM Task #: 920521E

Attention: MR. JAMES VALENTI

Purchase Order Number:
Date Sampled: 05/11/92 Time: 00:00
Sampled By : UNKNOWN
Sample Id: F-3
Location : UNKNOWN

CTM Sample No: 920521E 07
Date Received: 05/11/92
Collection Method: GRAB
Matrix: SOIL

Parameters and Standard Methodology Used

		Results	PQL	Unit	Analyst Reference
ACID DIGESTION - FLAME/ICP	SW-846 3050	COMPLETED			D10:70 5/21
SELENIUM	ICP, EPA METHOD 6010	42.6	10.1	MG/KG	AS:020 5/22/92
% SOLIDS	CLP SDM 4/89	89		%	FN 5/26/92

REMARKS:

LEGEND: MG/KG=PPM, MCS/KG=PPB, MG/L=PPM, MCS/L=PPB, MCS/G=PPM

EDER ASSOCIATES P.C.
85 FOREST AVENUE
LOCUST VALLEY NY 11560

CTM PROJECT #: 92.03057

Attention: MR. JAMES VALENTI

CTM Task #: 920521E

Purchase Order Number:
Date Sampled: 05/11/92 Time: 00:00
Sampled By: UNKNOWN
Sample Id: F-4
Location: UNKNOWN

CTM Sample No: 920521E 08
Date Received: 05/11/92
Collection Method: GRAB
Matrix: SOIL

Parameters and Standard Methodology Used

		Results	PQL	Unit	Analyst Reference
SELENIUM	ICP, EPA METHOD 6010	32.8	10.0	MG/KG	A5:020 5/22/92
ACID DIGESTION - FLAME/ICP	SM-846 3050	COMPLETED			D10:70 5/21
% SOLIDS	CLP SOW 4/89	88		%	FN 5/26/92

REMARKS:

AUTHORIZED FOR RELEASE:

Tom Aitken

LEGEND: MG/KG=PPM, MCG/KG=PPB, MG/L=PPM, MCG/L=PPB, MCG/G=PPM

ESARCO INC.

TEL: (914) 591-6010

80 SOUTH BUCKHOUT STREET, IRVINGTON, N.Y. 10555

June 10, 1992

Mr. J. Hellmann, P. E.
Eder Associates, P. C.
85 Forest Avenue
Locust Valley, N. Y. 11560

Re: Soil samples for Selenium Analysis
Duracell Tarrytown - Project: 425-1

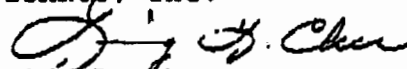
Dear Mr. Hellmann:

Following are the results of analysis performed on two samples of soil received on June 8, 1992 for selenium test. Sample T-1 through T-4 were weighed 10 g from each container, well mixed into one composited sample and then diggested 5g in nitric acid, filtered and make it to the final volume of 50 ml, its duplicate was composited 1 g from each container and well mixed into one sample, the second sample was composited the same procedure as first sample duplicate, they both again diggested in the nitric acid solution and filtered to 50 ml. Two samples & 1 duplicate were scanned the selenium by flame AA first and then analyzed the selenium content by graphite furnace technic. Results were reported to Mr. Pendergast by phone on June 9, 1992.

Sample ID	Se mg/1	Detection Limit mg/1
6/8/92 Composite T(T-1, T-2, T-3 & T-4)	ND	0.03
Composite F(F-1, F-2, F-3 & F-4)	ND	

Thank you. Please do not hesitate to contact us if they are any questions.

Very tryly yours,
ESARCO, Inc.


Ling L. Chu

LLC:pl
cc: Mr. B. Pendergast

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (516) 422-5777 • FAX (516) 422-5770

LAB NO. C922159/1

06/12/92

Eder Associates, Consulting Engineers
480 Forest Avenue
Locust Valley, NY 11560
ATTN: Brian Pendergast

SOURCE OF SAMPLE: Duracell, Project No. 425-1
COLLECTED BY: Client DATE COL'D: 06/08/92 RECEIVED: 06/08/92
SAMPLE: Soil sample, T, topsoil, Composite*10:00

ANALYTICAL PARAMETERS
Selenium as Se mg/Kg 0.30

ANALYTICAL PARAMETERS

cc:

REMARKS: Analyzed by EPA Method 7741 (AA, Gaseous Hydride)

* Compositing by Lab.

DIRECTOR _____
