

The Baker logo consists of the word "Baker" in white, bold, sans-serif font, centered within a solid blue rectangular background.

Michael Baker Jr., Inc.
A Unit of Michael Baker Corporation

Airside Business Park
100 Airside Drive
Moon Township, PA 15108

412-269-6300
FAX 412-375-3996

October 30, 2012

Mr. Kevin Beer
PADEP
Bureau of Land Recycling and Waste Management
Rachel Carson State Office Building
P.O. Box 8471
Harrisburg, PA 17105-8471

Re: Letter Report for the 2012 School Chemical Cleanout Project
PADEP Contract No. SAP4000013538
Work Requisition No. GTAC5-0-374

Dear Mr. Beer:

Michael Baker Jr. Inc. (Baker) is pleased to present the Pennsylvania Department of Environmental Protection (PADEP) with this letter report, which provides details of the 2012 School Chemical Cleanout Project, for your review and comment. An electronic copy of this letter also has been submitted to Mr. Doug Cordelli. The information contained within this letter is based on the scope of work request for general technical assistance services received from PADEP. This letter report details the project's field activities and provides the contractor's documentation and manifest information for the project.

Our scope of work was to assist and administer the 2012 School Chemical Cleanout Project within Pennsylvania in support of the Environmental Protection Agency (EPA) School Chemical Cleanout Campaign (SC3), which is a national effort to raise awareness to potential chemical dangers in K-12 schools. The project provides the opportunity for the PA school districts to present an application and inventory of unused chemicals for evaluation of funds for disposal of unwanted chemicals. A limited number of schools (20 schools) were selected to receive grants for this project. See Table 1 for the complete list of schools associated with this project.

Baker was responsible to assist and develop the announcement of the project, training, inventory requirements, distribution, selection criteria, and to administer the selection process. Prior to the selection, all of the schools were required to attend and participate in a one-day chemical handling training class taught by Mr. Kevin Beer (PADEP) and Mr. Gary Case (Baker). A total of six classes were taught throughout the state during March 2012. The training provided the schools with some valuable information on the safe handling and storage of chemicals, as well as assistance in their overall high school chemical program.

Upon notification of selected schools, Baker procured a chemical handling subcontractor to safely remove and dispose the chemicals from the schools. The project was to help facilitate proper removal of chemicals and help to prevent future problems with chemicals in schools. While the EPA program covers grades K-12, the primary emphasis of this cleanout was to address chemical disposal within the high schools (particularly chemistry and biology programs).

Baker

Mr. Kevin Beer
October 30, 2012
Page 2

Baker subcontracted the chemical handling and disposal requirements to Green Industries, Inc. of 121 Clover Road, in Ivyland, Pennsylvania. Chemicals were collected from the 20 selected schools during August 1, 2012 to August 16, 2012. A total of 7,017 pounds of unwanted chemicals were collected and properly disposed of from the schools. Table 2 provides the list of selected schools, the dates of collection, and the total amount of chemicals collected from each school.

Baker provided oversight and assistance to the subcontractor during the chemical handling and disposal services. Attachments A through T contain documentation and photographs of the individual work at each of the selected schools.

If you have any questions, please do not hesitate to contact me at 412-269-6381, or Mr. Matthew Maloney, our GTAC Program Manager, at (412) 269-6008.

Sincerely,

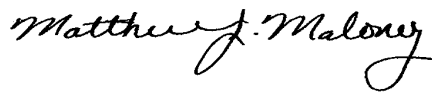
MICHAEL BAKER JR., INC.

Prepared By:



Gary R. Case
Project Manager

Approved By:



Matthew Maloney, P.G.
Program Manager

cc: Mr. Doug Cordelli (submitted electronically)

Baker

Michael Baker Jr., Inc.
TABLES

TABLE 1
LIST OF SELECTED SCHOOLS
2012 SCHOOL CHEMICAL CLEANOUT PROJECT

	Chosen School	Address	Town	State	Zip Code	School Number	Contact Name	EPA Generator Identification
1	Albert Gallatin HS	1119 Township Drive	Uniontown	PA	15401	724-564-2024	Michael R. Dunham	CESQG
2	Allerdice HS	2409 Shady Avenue	Pittsburgh	PA	15217	412-422-4800	Sanjeeb Manandhar	PADEP0017257
3	Antietam Middle-Senior HS	100 Antietam Road	Reading	PA	19606	610-779-3545	Dan Richards	Not Required
4	Brandywine Heights HS	103 Old Tipton Road	Mertztown	PA	19539	610-682-5111	Michael Wetzel	CESQG
5	Central Tech Career and Technical School	3325 Cherry Street	Erie	PA	16508	814-874-6200	Kirsten Rinkecich	Not Required
6	Cumberland Valley HS	6746 Carlisle Pike	Mechanicsburg	PA	17050	717-766-0217	Donald Carr	PADEP0017424
7	Eastern Lebanon County HS	180 Elco Drive	Myerstown	PA	17067	717-866-7447	Joseph Sandoe	PADEP0017296
8	Emmaus HS	500 Macungie Avenue	Emmaus	PA	18049	267-614-1443	John Bradley	CESQG
9	Farrell Area HS	1600 Roemer Boulevard	Farrell	PA	16121	724-854-8001	Daniel Harkless	PADEP0017260
10	Hamburg Area HS	701 Windsor Street	Hamburg	PA	19526	610-562-3861	Doreen Ottaviani	PAD094229861
11	Iroquois Junior-Senior HS	4301 Main Street	Erie	PA	16365	814-899-7643 Ext 1108	Joshua Frischolz	Not Required
12	Line Mountain Senior HS	187 Line Mountain Road	Herndon	PA	17830	570-758-2011 x6023	Timothy Lagerman	PADEP0017241
13	Nativity BVM HS	1 Lawton Hill	Pottsville	PA	17901	570-640-8037	Carol Boyer	Not Required
14	Oley Valley HS	17 Jefferson Street	Oley	PA	19547	610-987-4100 Ext 6134	Cornelia Maroulis	Not Required
15	Penn Hills Senior HS	12200 Gonland Drive	Penn Hills	PA	15235	412-793-7000	Deana Foley	PADEP0017259

TABLE 1**LIST OF SELECTED SCHOOLS****2012 SCHOOL CHEMICAL CLEANOUT PROJECT**

	Chosen School	Address	Town	State	Zip Code	School Number	Contact Name	EPA Generator Identification
16	Southern Columbia Area HS	800 Southern Drive	Catawissa	PA	17820	570-356-3450	Steve DeLong	PADEP0017243
17	St. Hubert Catholic HS for Girls	7320 Torresdale Avenue	Philadelphia	PA	19136	215-624-6840	Patricia Kubach	CESQG
18	Trinity HS	3601 Simpson Ferry Road	Camp Hill	PA	17011	717-761-1116	Linda Piscioneri	PAD120541008
19	Upper Dauphin Area HS	220 N. Church Street	Elizabethville	PA	17023	717-362-8181	David Geanette	PADEP0017242
20	Yough HS	919 Lowber Road	Herminie	PA	15637	724-446-5520	Jeanne C. Suehr	PADEP0017258

TABLE 2
SUMMARY OF MANIFESTS
2012 SCHOOL CHEMICAL CLEANOUT PROJECT

	School Designation	County	DEP Region	Dates of Removal	Total Amount of Chemicals Removed (lbs.)
1	Albert Gallatin HS	Fayette	5	August 13 and August 16, 2012	189
2	Allderdice HS	Allegheny	5	August 16, 2012	621
3	Antietam Middle-Senior HS	Berks	3	August 7-8, 2012	84
4	Brandywine Heights HS	Berks	3	August 10, 2012	443
5	Central Tech Career and Technical School	Erie	6	August 15, 2012	285
6	Cumberland Valley HS	Cumberland	3	August 1-2, 2012	738
7	Eastern Lebanon County HS	Lebanon	3	August 10, 2012	162
8	Emmaus HS	Lehigh	2	August 10, 2012	385
9	Farrell Area HS	Mercer	6	August 15, 2012	260
10	Hamburg Area HS	Berks	3	August 10, 2012	230
11	Iroquois Junior-Senior HS	Erie	6	August 15, 2012	117
12	Line Mountain Senior HS	Northumberland	4	August 1-2, 2012	93
13	Nativity BVM HS	Schuylkill	2	August 7-8, 2012	660
14	Oley Valley HS	Berks	3	August 7-8, 2012	119
15	Penn Hills Senior HS	Allegheny	5	August 16, 2012	125
16	Southern Columbia Area HS	Columbia	4	August 2, 2012	87
17	St. Hubert Catholic HS for Girls	Philadelphia	1	August 8, 2012	629
18	Trinity HS	Cumberland	3	August 2, 2012	269
19	Upper Dauphin Area HS	Dauphin	3	August 1-2, 2012	191
20	Yough HS	Westmoreland	5	August 13 and August 16, 2012	1,330
TOTAL AMOUNT OF MANIFESTED CHEMICALS					7,017

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Michael Baker Jr., Inc.
ATTACHMENT A

Albert Gallatin High School



**2012 Chemical Cleanout
Albert Gallatin High School
Work Log
August 13 and 16, 2012**

8/13
11:45-14:00 Michael Arthur (MA), representative of Michael Baker Jr., Inc. (Baker), and Andy Perrin (AP), representative of Green Industries (GI), the disposal contractor, traveled from Yough High School to Albert Gallatin High School in Uniontown, PA.

MA and AP met with Mr. Hutchinson, school principal, discussed the project and proceeded to Room 113 where the surplus chemicals for disposal were previously placed by Albert Gallatin High School personnel. Mr. Hutchinson confirmed that all of the chemicals present in Room 113 were for disposal.

14:10 GI began separating and segregating the chemicals for disposal.

15:00 GI began chemical inventory/record keeping and began placing segregated chemicals into properly labeled disposal containers.

15:30 GI had run out of supplies (disposal containers, vermiculite, etc.). Project is now scheduled to be continued and completed on August 16, 2012.

MA conducted a visual inspection of the site to confirm proper clean up.

Baker and GI departed the work site.

8/16
13:45-15:10 MA and John Morsberger (JM), representing Green Industries (GI), traveled from Yough High School to Albert Gallatin High School in Uniontown, PA.

GI finished packing the chemicals for disposal and generated/completed all chemical disposal associated paperwork.

15:30 Waste hauler, Clean Venture/Cycle Chem (CVCC), had arrived on site.

GI transported loaded disposal containers to the disposal truck, and placed the loaded disposal containers into the disposal truck.

15:45 Bethany Herman, chemistry teacher, signed waste manifests and was given documentation of chemical disposal for school records.

MA conducted a visual inspection of the site to confirm proper clean up and that the area worked in by GI and CVCC was left free of any signs of the chemical disposal process.

Baker, GI, and CVCC departed the work site.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Albert Gallatin HS – Chemical Cleanout Project

PHOTOGRAPH 1
DATE August 13, 2012
LOCATION 1119 Township Drive Uniontown, PA
PHOTOGRAPHS BY Baker



Comments: Room 113 where surplus chemicals were placed for disposal by Albert Gallatin HS.

PHOTOGRAPH 2
DATE August 13, 2012
LOCATION 1119 Township Drive Uniontown, PA
PHOTOGRAPHS BY Baker



Comments: Disposal contractor (Green Industries) separating and segregating chemicals for disposal.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Albert Gallatin HS – Chemical Cleanout Project

PHOTOGRAPH
3

DATE
August 13, 2012

LOCATION
**1119 Township Drive
Uniontown, PA**

PHOTOGRAPHS
BY
Baker



Comments: Disposal contractor (Green Industries) doing inventory and record keeping of chemicals for disposal.

PHOTOGRAPH
4

DATE
August 13, 2012

LOCATION
**1119 Township Drive
Uniontown, PA**

PHOTOGRAPHS
BY
Baker




Comments: Kevin Beer (PADEP) investigating unknown chemicals.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Albert Gallatin HS – Chemical Cleanout Project

PHOTOGRAPH 5	
DATE August 13, 2012	
LOCATION 1119 Township Drive Uniontown, PA	
PHOTOGRAPHS BY Baker	

Comments: Hazardous material labels on 15-gallon and 5-gallon disposal containers.

PHOTOGRAPH 6	
DATE August 16, 2012	
LOCATION 1119 Township Drive Uniontown, PA	
PHOTOGRAPHS BY Baker	

Comments: Disposal contractor (Green Industries) transporting hazardous waste containers to the disposal truck.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Albert Gallatin HS – Chemical Cleanout Project

PHOTOGRAPH
7

DATE
August 16, 2012

LOCATION
1119 Township Drive
Uniontown, PA

PHOTOGRAPHS
BY
Baker



Comments: Room 113 after surplus chemicals were removed by the disposal contractor (Green Industries).

PHOTOGRAPH
8

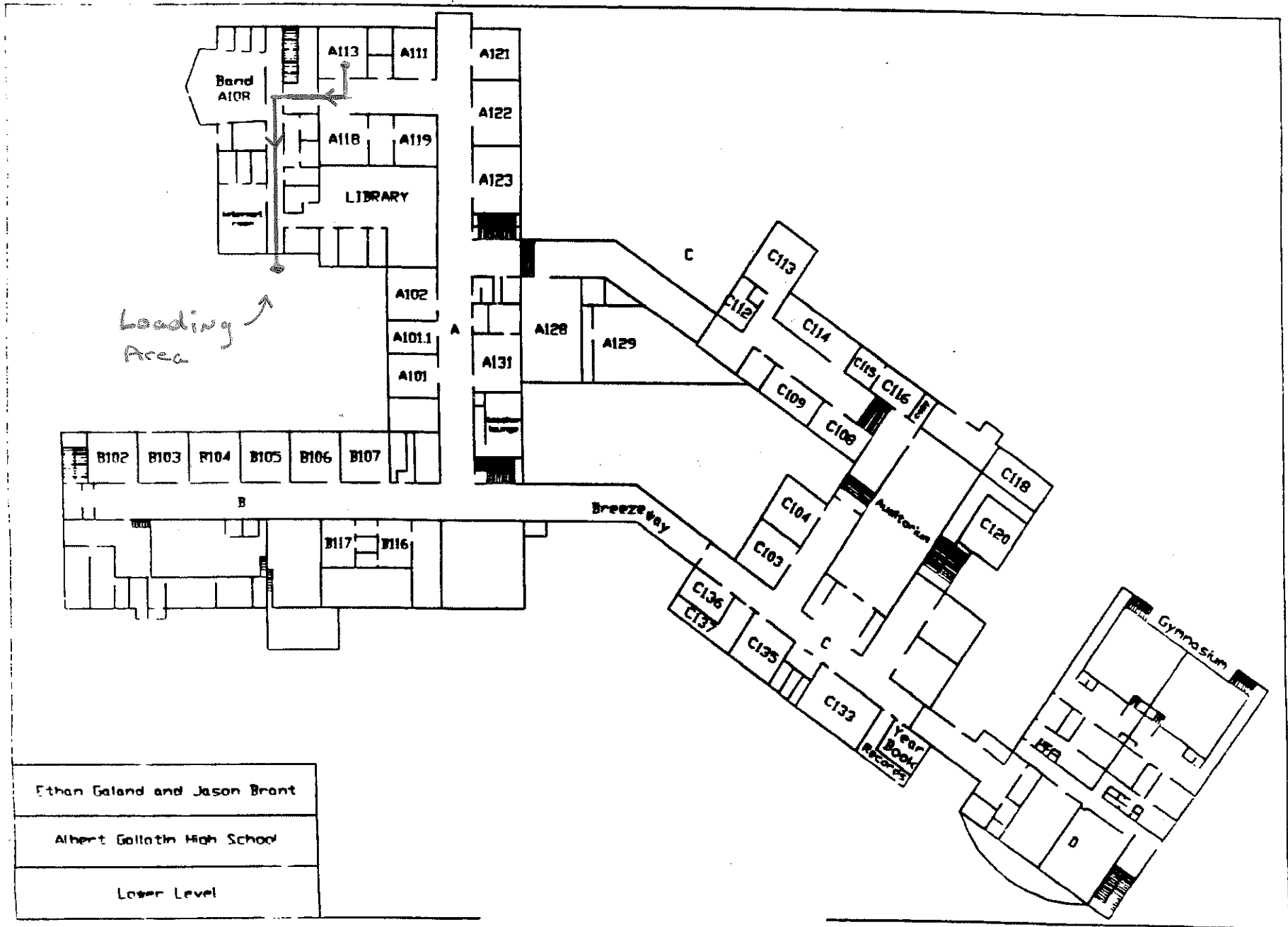
DATE
August 16, 2012

LOCATION
1119 Township Drive
Uniontown, PA

PHOTOGRAPHS
BY
Baker



Comments: Hazardous waste disposal truck.



Ethan Galand and Jason Brant

Albert Gallatin High School

Lower Level

LOWER LEVEL

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number 009587323 JJK	
5. Generator's Name and Mailing Address ALBERT FALLATIN HIGH SCHOOL 1113 TOWNSHIP DRIVE LEWISTOWN, PA 15401			Generator's Site Address (if different than mailing address) SAME			
Generator's Phone: (724) 364-2024						
6. Transporter 1 Company Name CLEAN VENTURE INC.			U.S. EPA ID Number 150000027101			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Designated Facility Name and Site Address CYCLE CHEM, INC. 550 INDUSTRIAL DRIVE LEWISBERRY, PA 17339			U.S. EPA ID Number 140667008002			
Facility's Phone: (717) 538-4700						
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
		No.	Type			
	1. UN3266 WASTE CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (HYDROXIDES) 8 PG II EPA# 154	001	DF	5 G		1500
	2. UN3266 WASTE CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (0002) 8 PG II EPA# 154	001	DF	35 P		1500
	3. UN1479 WASTE OXIDIZING SOLID, N.O.S. (0001 5011) 5.1 PG II EPA# 111	001	DF	8 P		1500 5011
	4. UN3264 WASTE CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (0002) 8 PG II EPA# 154	001	DF	8 P		1500
14. Special Handling Instructions and Additional Information 720113/0RE/245087/22263 (1) 20W-A DEVELOPER IN 3 GALLON PAIL (UNH-4 1 (2) STOL-5 2 (4) UVI-6 3						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Offorer's Printed/Typed Name Bethany Herman			Signature Bethany Herman		Month 8	Day 16
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.			Port of entry/exit: Date leaving U.S.:			
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name Robert String			Signature Robert String		Month 08	Day 16
Transporter 2 Printed/Typed Name			Signature		Month	Day
18. Discrepancy						
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
18b. Alternate Facility (or Generator) Manifest Reference Number: U.S. EPA ID Number:						
18c. Signature of Alternate Facility (or Generator) Month Day Year						
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
1.	2.	3.	4.			
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a						
Printed/Typed Name			Signature		Month	Day

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator ID Number LEEDG	22. Page 1 of 7	23. Manifest Tracking Number 803587333JK			
24. Generator's Name ALBERT BALLANTYNE HIGH SCHOOL 1119 TOWNSHIP DRIVE UNIONTOWN, PA 15401							
25. Transporter _____ Company Name				U.S. EPA ID Number			
26. Transporter _____ Company Name				U.S. EPA ID Number			
27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers		29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes	
		No.	Type				
X	(1) UN1350 SULFUR ACID LG III 175# 13	001	DF	3	P	NONE	
X	(2) UN2888 TOXIC SOLID, INORGANIC, N.O.S. (NONE) 5.1 PG II (Not Shipped) 175# 151	0		0		NONE	
	(3) NON DOT / NON RCRA REGULATED SOLIDS (Not Shipped)	0		0		NONE	
	(4) NON DOT / NON RCRA regulated Liquids (Hydroquinone cleaners)	002	DF	10	G	NONE	
	(5) NON DOT / NON RCRA regulated Liquids (Formaldehyde w/Animals)	002	DF	60	G	NONE	
X	(6) UN1993 Waste Flammable Liquid, NOS, 3, PG II (Loose Pack)	001	DF	60	P	DO01	
32. Special Handling Instructions and Additional Information 20118/6PE/345087/82253 (1)AC-7 & (2)AC-8 5 (3)AC-8 NON HAZARD SUS SOLIDS - LOOSE PACK							
33. Transporter Acknowledgment of Receipt of Materials							
Printed/Typed Name		Signature		Month	Day	Year	
34. Transporter Acknowledgment of Receipt of Materials							
Printed/Typed Name		Signature		Month	Day	Year	
35. Discrepancy							
36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							

GENERATOR

TRANSPORTER

DESIGNATED FACILITY

Cycle Chem, Inc

550 Industrial Drive Lewisberry PA 17339 PHONE: 717-938-4700, FAX:
717-938-3301

Land Disposal Restriction Notification and Certification Form

Generator: ALBERT GALLATIN HIGH SCHOOL
EPAID: CESQG

Manifest Tracking Number: 82263
Manifest Document Number: 009587323JJK

The EPA hazardous wastes identified below must be treated to the applicable treatment standards Set forth In 40 CFR 268.40.

EPA Waste Code Information

Manifest Line	Waste-water?	EPACodes
Page 1 Line 1	No	D002
Page 1 Line 2	No	D002
Page 1 Line 3	No	D001 (Ignitable characteristic wastes subcategory , other than high TOC ignitable liquids), D011
Page 1 Line 4	No	D002
Page 2 Line 1	No	RCRA non-hazardous
Page 2 Line 2	No	RCRA non-hazardous
Page 2 Line 3	No	RCRA non-hazardous

Underlying Hazardous Constituents

(None present unless identified below.)

Manifest Line	Constituents
---------------	--------------

I certify that all information submitted On this Land Disposal Restriction and Certification Form is accurate and complete, to the best of my knowledge and information.

Signature: Bethany S Herman

Name: Bethany Herman

Title: Chemistry Instructor

Date: 8-16-12

Baker

Michael Baker Jr., Inc.
ATTACHMENT B
Allerdice High School



**2012 Chemical Cleanout
Allderdice High School
Work Log
August 16, 2012**

- 06:00 Michael Arthur (MA), representative of Michael Baker Jr., Inc. (Baker), traveled to Allderdice High School, located in Pittsburgh, PA.
- 07:00 MA (Baker), along with Andy Perrin (AP) and John Morsberger (JM), representatives of Green Industries (GI), the disposal contractor, arrived at Allderdice High School in Pittsburgh, PA.
- MA and JM met with Sanjeeb Manandhar (SM), Environmental Specialist and Brian Corr (BC), Science Curriculum Supervisor of Pittsburgh City Schools, discussed the project, and proceeded to Room 455 where all of the school chemicals were stored. SM and BC confirmed that not all of the chemicals in Room 455 were for disposal; only specifically marked chemicals were to be disposed.
- 07:15 GI began separating the chemicals for disposal from the as needed chemicals.
- 08:00 Separated chemicals for disposal were transported from Room 455 to the outdoor staging area for chemical segregation.
- MA confirmed with SM that all of the chemicals for disposal at Allderdice High School had been removed from Room 455.
- 08:30 GI began chemical segregation, chemical inventory/record keeping, and placement of the segregated chemicals into properly labeled disposal containers.
- 09:00 GI completed placement of the segregated chemicals into properly labeled disposal containers.
- GI continued generating chemical disposal associated paperwork and began loading the waste hauler's (CleanVenture/Cycle Chem [CVCC]) truck with the chemical disposal containers.
- 09:30 GI completes disposal associated paper work and loading of all disposal containers into the waste hauler truck.
- SM signed waste manifests and was given documentation of chemical disposal for school records.
- MA conducted a visual inspection of the site to confirm proper clean up and that the area worked in by GI and CVCC was left free of any sign of the chemical disposal process.
- Baker, GI, and CVCC departed the work site.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Allderdice High School – Chemical Cleanout Project

PHOTOGRAPH

1

DATE

August 16, 2012

LOCATION

2409 Shady Avenue
Pittsburgh, PA

PHOTOGRAPHS
BY

Baker



Comments: Room 455 where surplus chemicals were placed for disposal by Allderdice HS.

PHOTOGRAPH

2

DATE

August 16, 2012

LOCATION

2409 Shady Avenue
Pittsburgh, PA

PHOTOGRAPHS
BY

Baker



Comments: Room 455 where surplus chemicals were placed for disposal by Allderdice HS.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Allderdice High School – Chemical Cleanout Project

PHOTOGRAPH 3
DATE August 16, 2012
LOCATION 2409 Shady Avenue Pittsburgh, PA
PHOTOGRAPHS BY Baker



Comments: Disposal contractor (Green Industries) placing chemicals designated for disposal into a 30-gallon disposal container.

PHOTOGRAPH 4
DATE August 16, 2012
LOCATION 2409 Shady Avenue Pittsburgh, PA
PHOTOGRAPHS BY Baker



Comments: Disposal contractor (Green Industries) separating surplus chemicals from needed chemicals.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Allderdice High School – Chemical Cleanout Project

PHOTOGRAPH 5	
DATE August 16, 2012	
LOCATION 2409 Shady Avenue Pittsburgh, PA	
PHOTOGRAPHS BY Baker	


Comments: Five-gallon disposal container with a spill control absorbent (vermiculite) added.

PHOTOGRAPH 6	
DATE August 16, 2012	
LOCATION 2409 Shady Avenue Pittsburgh, PA	
PHOTOGRAPHS BY Baker	

Comments: Hazardous Material labels on a 5-gallon disposal containers.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Allderdice High School – Chemical Cleanout Project

<p>PHOTOGRAPH 7</p>	
<p>DATE August 16, 2012</p>	
<p>LOCATION 2409 Shady Avenue Pittsburgh, PA</p>	
<p>PHOTOGRAPHS BY Baker</p>	

Comments: Disposal contractor (Green Industries) doing inventory and record keeping of chemicals for disposal.

<p>PHOTOGRAPH 8</p>	
<p>DATE August 16, 2012</p>	
<p>LOCATION 2409 Shady Avenue Pittsburgh, PA</p>	
<p>PHOTOGRAPHS BY Baker</p>	

Comments: Disposal container with flammable liquids placed in it.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Alderdice High School – Chemical Cleanout Project

<p>PHOTOGRAPH 9</p>	
<p>DATE August 16, 2012</p>	
<p>LOCATION 2409 Shady Avenue Pittsburgh, PA</p>	
<p>PHOTOGRAPHS BY Baker</p>	

Comments: Room 455 shelf after surplus chemicals were removed by the disposal contractor (Green Industries).

<p>PHOTOGRAPH 10</p>	
<p>DATE August 16, 2012</p>	
<p>LOCATION 2409 Shady Avenue Pittsburgh, PA</p>	
<p>PHOTOGRAPHS BY Baker</p>	

Comments: Hazardous waste disposal truck.

JM

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number PADEPA017257	2. Page 1 of 3	3. Emergency Response Phone (410) 368-9170	4. Manifest Tracking Number 009587179 JJK		
5. Generator's Name and Mailing Address ALERDICE HIGH SCHOOL 2400 SHADY HIGH SCHOOL PITTSBURGH, PA 15217				Generator's Site Address (if different than mailing address) SAME			
Generator's Phone: 412-482-4800							
6. Transporter 1 Company Name CLEAN VENTURE INC.					U.S. EPA ID Number NJ0000027193		
7. Transporter 2 Company Name					U.S. EPA ID Number		
8. Designated Facility Name and Site Address CYCLE CHEM, INC. 550 INDUSTRIAL DRIVE LEWISBERRY, PA 17339					U.S. EPA ID Number		
Facility's Phone: (717) 938-4700					PAD067098822		
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
		No.	Type				
X	1UN1993 WASTE FLAMMABLE LIQUIDS, N.O.S. (ALCOHOLS AND MINERAL SPIRITS) 3 PG II ERG# 120	001	DF	10	P	D001	
X	2UN1013 CARBON DIOXIDE 2.2 ERG# 120	005	CY	5	P	NONE	
	3NON DOT / NON RCRA REGULATED SOLIDS	003	DF	400	P	NONE	
X	4UN1715 WASTE ACETIC ANHYDRIDE 8 (3) PG II (Not Shipped) ERG# 137	0		0		D001 D002	
14. Special Handling Instructions and Additional Information 719986/GRE/545467/81859 (1)UTK-B FLAMMABLE LIQUIDS LOOSE PACK (2)LAV2L-D CARBON DIOXIDE CYLINDER (3)AC-A NON HAZ SOLIDS (4)UOA-5 1							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Officer's Printed/Typed Name SANTEEB MANANDHAR				Signature <i>[Signature]</i>		Month Day Year 8 16 12	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name Robert String				Signature <i>[Signature]</i>		Month Day Year 08 16 12	
Transporter 2 Printed/Typed Name				Signature		Month Day Year	
18. Discrepancy							
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
18b. Alternate Facility (or Generator) Manifest Reference Number: _____ U.S. EPA ID Number _____							
Facility's Phone: _____							
18c. Signature of Alternate Facility (or Generator) _____ Month Day Year _____							
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. H141		2.		3.		4. H141	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name				Signature		Month Day Year	

GENERATOR

TRANSPORTER INTL

DESIGNATED FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator ID Number PADEP0017257	22. Page 2 of 3	23. Manifest Tracking Number 009507179JJK				
24. Generator's Name ALERDICE HIGH SCHOOL 2409 SHADY HIGH SCHOOL PITTSBURGH, PA 15217								
25. Transporter _____ Company Name				U.S. EPA ID Number				
26. Transporter _____ Company Name				U.S. EPA ID Number				
27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers		29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes		
		No.	Type					
X	(1) UN3264 WASTE CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (D002) 8 PG II ERG# 154	001	DF	15 P		D002		
X	(2) UN3139 WASTE OXIDIZING LIQUID, N.O.S. (D001 D005 D006 D007 D008) 5.1 PG II ERG# 140	001	DF	60 P		D001 D005 D006 D007 D008		
X	(3) UN3266 WASTE CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (D002) 8 PG II <i>Basic</i> ERG# 154	001	DF	40 P		D002		
X	(4) UN2683 WASTE AMMONIUM SULFIDE SOLUTION (6.1, 3) PG II ERG# 132					D001 D002		
X	(5) UN3288 WASTE TOXIC SOLID, INORGANIC, N.O.S. (U072 U144 U190 U201 U218 D005) 6.1 PG II ERG# 151	001	DF	60 P		U072 U144 U190 U201 U218 D005		
X	(6) UN2013 WASTE STRONTIUM PHOSPHIDE (6.1) PG I <i>(Not Shipped)</i> ERG# 139	0		0		D001 D003		
X	(7) UN1013 CARBON DIOXIDE 2.2 <i>(Not Shipped)</i> ERG# 120	0		0		NONE		
X	(8) UN3265 WASTE CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (U132 D002) 8 PG II ERG# 153	001	DF	4 P		U132 D002		
X	(9) UN1849 WASTE SODIUM SULFIDE, HYDRATED WITH NOT LESS THAN 30 PERCENT WATER 8 PG II ERG# 153	001	DF	3 P		D002		
X	(10) UN2025 WASTE MERCURY COMPOUNDS, SOLID, N.O.S. (D009) 6.1 PG II ERG# 151	001	DF	6 P		D009		
32. Special Handling Instructions and Additional Information 719986/GRE/545467/81859 (1)UV1/R-6 2 (2)STOL-7 3 (3)UNH-8 4 (4) VRA3B-9 5 (5)VRA6-10 6 (6)CCEDW-11 7 (7)LAVEL-12 8 (8)UCA-13 9 (9)VRA8B-14 10 (10)STHGA-15 11								
TRANSPORTER	33. Transporter Acknowledgment of Receipt of Materials							
	Printed/Typed Name	Signature			Month Day Year			
TRANSPORTER	34. Transporter Acknowledgment of Receipt of Materials							
	Printed/Typed Name	Signature			Month Day Year			
DESIGNATED FACILITY	35. Discrepancy							
	36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
	H141	H141	H141	H141	H141			
H141	H141	H141	H141	H141				

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator ID Number PADEP0017257	22. Page 3 of 3	23. Manifest Tracking Number 009507179JJJK			
24. Generator's Name ALERTIDE HIGH SCHOOL 2409 SHADY HIGH SCHOOL PITTSBURGH, PA 15217							
25. Transporter _____ Company Name				U.S. EPA ID Number			
26. Transporter _____ Company Name				U.S. EPA ID Number			
27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers		29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes	
		No.	Type				
X	(1) UN1325 WASTE FLAMMABLE SOLIDS, ORGANIC, N.O.S. (U165) 4.1 PG II ERG# 133	001	DF	18	P	U165	
X	(2) UN2031 WASTE NITRIC ACID OTHER THAN RED FUMING, WITH LESS THAN 65 PERCENT NITRIC ACID 8 PG II (Not Shipped) ERG# 157	0		0		D002	
X	(3) UN1807 WASTE PHOSPHORUS PENTOXIDE 8 PG II (Not Shipped) ERG# 137	0		0		D002	
32. Special Handling Instructions and Additional Information 14 719986/GRE/545467/81859 (1)VR04-16 12 (2)U01-17 13 (3)VR08A-18							
TRANSPORTER	33. Transporter _____ Acknowledgment of Receipt of Materials		Signature		Month	Day	Year
	Printed/Typed Name						
TRANSPORTER	34. Transporter _____ Acknowledgment of Receipt of Materials		Signature		Month	Day	Year
	Printed/Typed Name						
DESIGNATED FACILITY	35. Discrepancy						
	36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
H141		H141		H141			

GENERATOR: Allerdice High School
2409 Shady Lane
Pittsburgh, PA 15217

EPA ID NO.: _____

MANIFEST NO.: _____

DRUM NO.: 3 CONTAINER: 30DF

DISPOSAL CODE: _____ LAB CODE: _____

D.O.T. PROPER SHIPPING NAME: Waste oxidizing liquid, NOS

HAZARD CLASS: 5.1 PG II

E.P.A. WASTE TYPE CODE: D001, D005, D006 UN/NA: UN 1799:3139

PAGE 1 OF 1 DATE _____

QUANTITY	DESCRIPTION OF MATERIAL
1 x pt	Aluminum Nitrate
1 x pt	Ammonium Nitrate
2 x 1#	Ammonium persulfate "
4 x 1#	Barium Nitrate "" D005
2 x 1#	Bismuth Nitrate "
3 x 1/4#	Cadmium Nitrate "" D006
6 x 2#	Calcium Nitrate "" I
3 x 1#	Chromium Nitrate "" D007
2 x 1#	Calcium Hypochlorite "
2 x 1#	Cobalt Nitrate "
5 x 1#	Iron Nitrate ""
4 x 1#	Lead Nitrate "" D008
3 x 1#	Lithium Nitrate ""
5 x 1#	Magnesium Nitrate ""
1 x 1#	Manganese Dioxide
1 x 1/2#	Potassium Iodate
1 x 1/2#	Potassium periodate
1 x 1#	Potassium permanganate "
6 x 1#	Potassium persulfate ""
1 x 1#	Sodium Chromate
1 x 1/2#	Sodium Iodate
5 x 2#	Sodium Nitrate ""
2 x 1#	Strontium Nitrate ""
1 x gal	Zn C Nitrate
1 x pt	Zinc Nitrate
1 x oz	Zirconyl Nitrate
TOTAL WEIGHT:	

GENERATOR: Allerdice High School
2409 Shady Lane
Pittsburgh, PA 15217

DISPOSAL CODE: _____ LAB CODE: _____

D.O.T. PROPER SHIPPING NAME: Waste Toxic Solid, Inorganic, NOS

HAZARD CLASS: 6.1 PG II

E.P.A. WASTE TYPE CODE: U201, D011 UN/NA: UN 3288

EPA ID NO.: _____

MANIFEST NO.: _____

DRUM NO.: 6 CONTAINER: 30DF

PAGE 1 OF 1 DATE _____

QUANTITY	DESCRIPTION OF MATERIAL		
7 X 1/2"	Antimony Compounds	7	
1 X 5"	Barium Chloride		D005
1 X 1"	Barium Chloride		
4 X 5"	Calcium Fluoride	III	
5 X 1"	Chromium Sulfate	4 + 1	D007
7 X 10z	Chromium Acetate	7	
1 X 1"	Chromium Chloride	1	
3 X 5"	Lead Iodide	"	D008
6 X 1"	Lead Compounds	IV 1	
17 X 0z	Lead	17	
1 X 1"	Lead Chloride		
7 X 6"	Lead Acetate	7	V144
2 X 1"	p-Dichlorobenzene	"	V072
1 X 1"	Phthalic Anhydride		V190
5 X 1z	resorcinol	III	V020
1 X 1"	Potassium Ferriocyanide		
1 X 1"	Potassium Thiocyanate		
1 X 0z	Silver Chloride		D011
1 X 1"	Sodium Thiocyanate		
2 X 1"	Thioacetamide	"	V218
1 x pt	Vanadium Solution		

TOTAL WEIGHT: _____

Cycle Chem, Inc

550 Industrial Drive Lewisberry PA 17339 PHONE: 717-938-4700, FAX:
717-938-3301

Land Disposal Restriction Notification and Certification Form

Generator: ALERDICE HIGH SCHOOL
EPAID: PADEP0017257

Manifest Tracking Number: 81859
Manifest Document Number: 009587179JJK

The EPA hazardous wastes identified below must be treated to the applicable treatment standards Set forth In 40 CFR 268.40.

EPA Waste Code Information

Manifest Line	Waste-water?	EPACodes
Page 1 Line 1	No	D001 (High TOC ignitable liquids subcategory)
Page 1 Line 2	No	RCRA non-hazardous
Page 1 Line 3	No	RCRA non-hazardous
Page 1 Line 4	No	D001 (High TOC ignitable liquids subcategory), D002
Page 2 Line 1	No	D002
Page 2 Line 2	No	D001 (Ignitable characteristic wastes subcategory , other than high TOC ignitable liquids), D005, D006 (Cadmium non-battery subcategory), D007, D008 (Lead non-battery subcategory)
Page 2 Line 3	No	D002
Page 2 Line 4	No	D001 (High TOC ignitable liquids subcategory), D002
Page 2 Line 5	No	D005, D007, D008 (Lead non-battery subcategory), D011, D027, U072, U144, U190, U201, U218
Page 2 Line 6	No	D001 (Ignitable characteristic wastes subcategory , other than high TOC ignitable liquids), D003 (Water reactive subcategory)
Page 2 Line 7	No	RCRA non-hazardous
Page 2 Line 8	No	D002, U132
Page 2 Line 9	No	D002
Page 2 Line 10	No	D009 (Low mercury [<260PPM total mercury] subcategory)
Page 3 Line 1	No	U165
Page 3 Line 2	No	D002
Page 3 Line 3	No	D002

Underlying Hazardous Constituents

(None present unless identified below.)

Manifest Line	Constituents
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I certify that all information submitted On this Land Disposal Restriction and Certification Form is accurate and complete, to the best of my knowledge and information.

Signature: 

Name: SANJEEB MANANDHAR

Title: ENVIRONMENTAL SPECIALIST

Date: 8/16/12

Baker

Michael Baker Jr., Inc.
ATTACHMENT C

Antietam Middle-Senior High School



**2012 Chemical Cleanout
Antietam Middle-Senior High School
Work Log
August 7 and 8, 2012**

8/7
09:30 Michael Arthur (MA), representative of Michael Baker Jr., Inc. (Baker), and John Morsberger (JM), representative of Green Industries (GI), the disposal contractor, traveled from Eastern Lebanon County High School to Antietam Middle-Senior High School, located in Lower Alsace, PA, outside of Reading.

MA and JM met with Kyle Schaeffer (KS), Maintenance Supervisor at the school, discussed the project, and proceeded to Room 208 where the surplus chemicals for disposal were previously placed by Antietam Middle-Senior High School personnel. KS confirmed that all of the chemicals present in Room 208 were for disposal.

09:45 GI began segregating the chemicals for disposal.

10:00 GI completed chemical segregation, began chemical inventory/record keeping, and placed segregated chemicals into properly labeled disposal containers.

10:15 GI completed placement of the segregated chemicals into properly labeled disposal containers.

GI transported disposal containers to the overnight staging area in the Lobby.

MA conducted a visual inspection of the site to confirm proper clean up.

10:20 Baker and GI departed the work site.

8/8
09:00 MA and Maumee Express Inc. (MXI), the waste hauler, traveled from Eastern Lebanon County High School to Antietam Middle-Senior High School.

MXI began transporting the disposal containers from the Lobby into the waste hauler truck.

09:15 MXI loaded the truck with the disposal containers.


KS signed waste manifests and was given documentation of chemical disposal for school records.

MA conducted a visual inspection of the site to confirm proper clean up and that the area worked in by GI and MXI was left free of any sign of the chemical disposal process.

Baker and MXI departed the work site.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Antietam Middle-Senior High School – Chemical Cleanout Project

PHOTOGRAPH 1	
DATE August 7, 2012	
LOCATION 100 Antietam Road Reading, PA	
PHOTOGRAPHS BY Baker	

Comments: Disposal contractor (Green Industries) placing flammable chemicals designated for disposal into a 15-gallon disposal container.

PHOTOGRAPH 2	
DATE August 7, 2012	
LOCATION 100 Antietam Road Reading, PA	
PHOTOGRAPHS BY Baker	


Comments: Surplus chemicals designated for disposal.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Antietam Middle-Senior High School – Chemical Cleanout Project

PHOTOGRAPH 3	
DATE August 7, 2012	
LOCATION 100 Antietam Road Reading, PA	
PHOTOGRAPHS BY Baker	

Comments: Hazardous Material labels on a 5-gallon disposal containers.

PHOTOGRAPH 4	
DATE August 7, 2012	
LOCATION 100 Antietam Road Reading, PA	
PHOTOGRAPHS BY Baker	

Comments: Room 208's storage room flammable cabinet after surplus chemicals were removed by the disposal contractor (Green Industries).

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Antietam Middle-Senior High School – Chemical Cleanout Project

PHOTOGRAPH 5	 A photograph showing a person in a grey shirt and khaki pants walking away from the camera down a hallway. The hallway is lined with blue lockers on both sides. In the center of the hallway, there are two large blue hazardous waste drums. One drum has a black container on top of it. The floor is a light-colored tile pattern. At the end of the hallway, there is a glass door with an 'EXIT' sign above it.
DATE August 7, 2012	
LOCATION 100 Antietam Road Reading, PA	
PHOTOGRAPHS BY Baker	


Comments: Disposal contractor (Green Industries) transporting hazardous waste containers from Room 208 to the overnight storage area located in the Lobby.

PHOTOGRAPH 6	 A photograph showing two men loading a large blue hazardous waste drum onto a truck. The man in the foreground is wearing a light blue t-shirt with a graphic that says 'NATIONAL' and 'MADE IN THE USA'. He is holding the top of the drum. The man in the background is wearing a grey t-shirt and has a tattoo on his arm. They are standing in front of a brick wall. The truck is partially visible on the left side of the frame.
DATE August 8, 2012	
LOCATION 100 Antietam Road Reading, PA	
PHOTOGRAPHS BY Baker	

Comments: Waste hauler (Maumee Express) placing hazardous waste containers into the disposal truck.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Antietam Middle-Senior High School – Chemical Cleanout Project

<p>PHOTOGRAPH 7</p>	
<p>DATE August 8, 2012</p>	
<p>LOCATION 100 Antietam Road Reading, PA</p>	
<p>PHOTOGRAPHS BY Baker</p>	

Comments: Waste hauler (Maumee Express) transporting hazardous waste containers from the Lobby to the disposal truck.

<p>PHOTOGRAPH 8</p>	
<p>DATE August 8, 2012</p>	
<p>LOCATION 100 Antietam Road Reading, PA</p>	
<p>PHOTOGRAPHS BY Baker</p>	

Comments: Waste hauler (Maumee Express) segregating hazardous waste containers in the disposal truck.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Antietam Middle-Senior High School – Chemical Cleanout Project

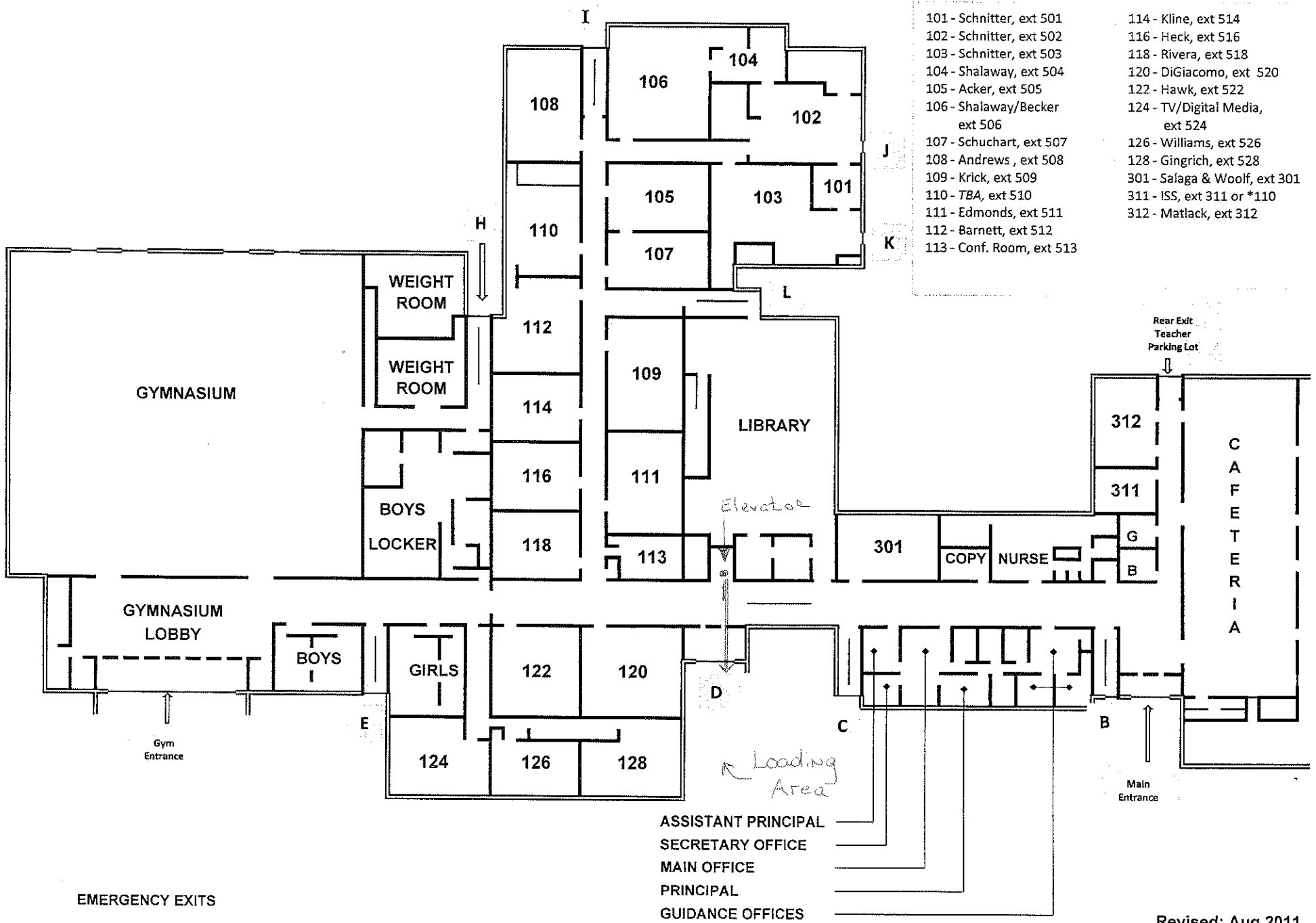
<p>PHOTOGRAPH 9</p>	
<p>DATE August 8, 2012</p>	
<p>LOCATION 100 Antietam Road Reading, PA</p>	
<p>PHOTOGRAPHS BY Baker</p>	

Comments: Hazardous waste disposal truck.

<p>PHOTOGRAPH 10</p>	
<p>DATE August 7, 2012</p>	
<p>LOCATION 100 Antietam Road Reading, PA</p>	
<p>PHOTOGRAPHS BY Baker</p>	

Comments: Hazardous waste disposal truck.

Antietam Middle-Senior High School First Level

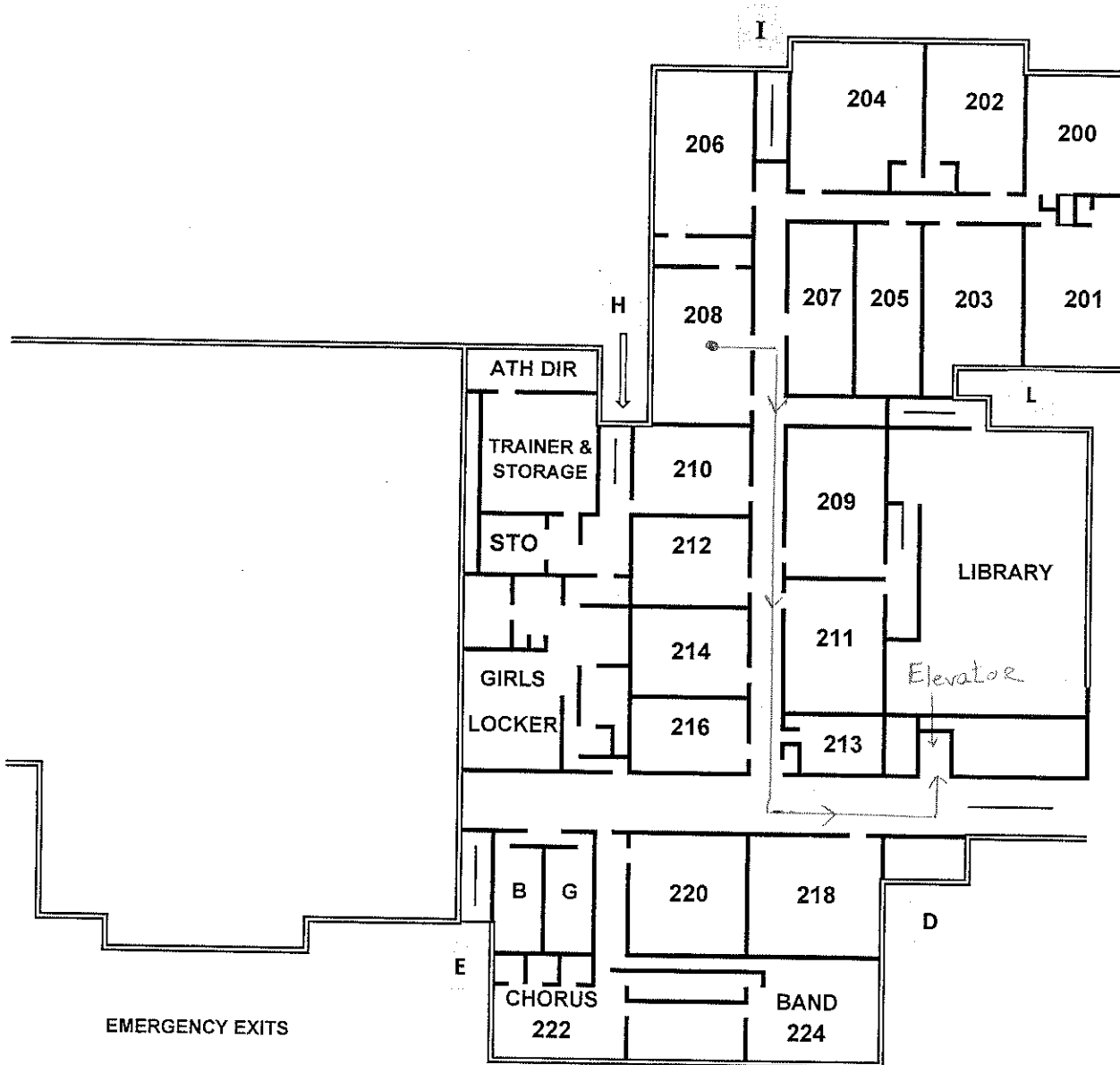


- 101 - Schnitter, ext 501
- 102 - Schnitter, ext 502
- 103 - Schnitter, ext 503
- 104 - Shalaway, ext 504
- 105 - Acker, ext 505
- 106 - Shalaway/Becker ext 506
- 107 - Schuchart, ext 507
- 108 - Andrews, ext 508
- 109 - Krick, ext 509
- 110 - TBA, ext 510
- 111 - Edmonds, ext 511
- 112 - Barnett, ext 512
- 113 - Conf. Room, ext 513
- 114 - Kline, ext 514
- 116 - Heck, ext 516
- 118 - Rivera, ext 518
- 120 - DiGiacomo, ext 520
- 122 - Hawk, ext 522
- 124 - TV/Digital Media, ext 524
- 126 - Williams, ext 526
- 128 - Gingrich, ext 528
- 301 - Salaga & Woolf, ext 301
- 311 - ISS, ext 311 or *110
- 312 - Matlack, ext 312

EMERGENCY EXITS

Revised: Aug 2011

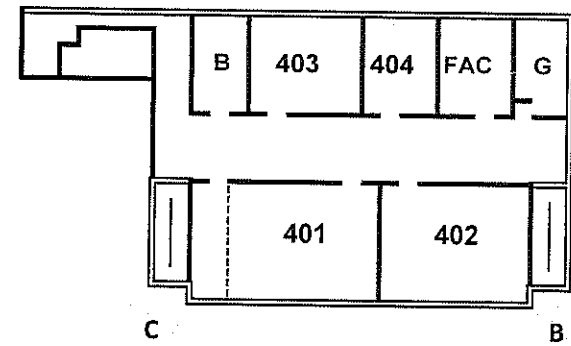
Antietam Middle-Senior High School
Second Level



Room # and Extension are the same except as noted:

- 200 - Bauer
- 201 - Thomas
- 202 - LaBute
- 203 - Carfagno
- 204 - Ahearn
- 205 - Weller
- 206 - Smith
- 207 - Fink
- 208 - Sanchez
- 209 - Heizmann
- 210 - Kier
- 211 - Patton (Anders)
- 212 - Fegely
- 213 - Richards, ext *127
- 214 - Seymour
- 216 - Biasi
- 218 - Giatras
- 220 - Beagle
- 222 - Heffner
- 224 - Gillner
- 401 - Mosser
- 402 - Brizek
- 403 - Writing Lab
- 404 - Dague, ext *128

UPPER LEVEL



HAZARDOUS WASTE MANIFEST	1. Generator ID Number NOT REQUIRED	2. Page 1 of 2	3. Emergency Response Phone (410) 368-9170	4. Manifest Tracking Number 009587257 JJK
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Generator's Name and Mailing Address: ANTIETAM MIDDLE - SENIOR HIGH
100 ANTIETAM ROAD, READING, PA 19606
Generator's Site Address (if different than mailing address): SAME
Generator's Phone: (610) 773-3545

Transporter 1 Company Name: ~~CLEAN VENTURE INC.~~ *Navarre Express, Inc.*
U.S. EPA ID Number: *PA0067098822*
Transporter 2 Company Name: _____
U.S. EPA ID Number: _____

Designated Facility Name and Site Address: CYCLE CHEM, INC.
550 INDUSTRIAL DRIVE, LEWISBERRY, PA 17339
Facility's Phone: (717) 938-4700
U.S. EPA ID Number: PA0067098822

1. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
	No.	Type				
X ¹ UN1993 WASTE FLAMMABLE LIQUIDS, N.O.S. (PAINTS / THINNERS) 3 PG II ERG# 120	001	DF	45 P	P	D001	U044
X ² UN2031 WASTE NITRIC ACID OTHER THAN RED FUMING, WITH LESS THAN 65 PERCENT NITRIC ACID 8 PG II ERG# 150	001	DF	30 P	P	D002	
X ³ UN2809 WASTE MERCURY 8 PG III ERG# 170	001	DF	1 P	P	D003	
X ⁴ UN2789 WASTE ACETIC ACID, GLACIAL OR ACETIC ACID SOLUTION, WITH MORE THAN 80 PERCENT ACID, BY MASS 8 (3) PG II ERG# 130	001	DF	2 P	P	D001	D002

Special Handling Instructions and Additional Information: 720046/GRE/545746/82070 (1)UIK-C FLAMMABLE LOOSE PACK (2)UOXA-3
1 (3)MD-4 2 (4)UOA-5 3

GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeree's Printed/Typed Name: _____ Signature: _____ Month: _____ Day: _____ Year: _____

International Shipments: Import to U.S. Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____

Transporter Acknowledgment of Receipt of Materials: Transporter signature (for exports only): _____ Date leaving U.S.: _____

Transporter 1 Printed/Typed Name: _____ Signature: _____ Month: _____ Day: _____ Year: _____

Transporter 2 Printed/Typed Name: _____ Signature: _____ Month: _____ Day: _____ Year: _____

Discrepancy: Discrepancy Indication Space Quantity Type Residue Partial Rejection Full Rejection

Manifest Reference Number: _____ U.S. EPA ID Number: _____

Alternate Facility (or Generator): _____ U.S. EPA ID Number: _____

Facility's Phone: _____ Signature of Alternate Facility (or Generator): _____ Month: _____ Day: _____ Year: _____

Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1. H141	2. H141	3. H141	4. H141
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Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Signature: _____ Month: _____ Day: _____ Year: _____

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)	21. Generator ID Number NOT REQUIRED	22. Page 2 of 2	23. Manifest Tracking Number 009587257JJK
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Generator's Name **ANTIETAM MIDDLE - SENIOR HIGH SCHOOL**
ANTIETAM ROAD
LEADING, PA 19606

Transporter _____ Company Name _____ U.S. EPA ID Number _____

Transporter _____ Company Name _____ U.S. EPA ID Number _____

27a. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers		29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes	
	No.	Type				
(1) UN3265 WASTE CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (U132 D002) 8 PG II ERG# 153	001	DF	2	P	U132	D002
(2) UN1715 WASTE ACETIC ANHYDRIDE 8 (3) PG II ERG# 137	001	DF	4	P	D001	D002
(3) UN3287 WASTE TOXIC LIQUID, INORGANIC, N.O.S. (U044 D022) 6.1 PG II <i>(not shipped)</i> ERG# 151	000		0		U044	D022

Special Handling Instructions and Additional Information **720046/BRE/545746/82070 (1) U0A-6 4 (2) U0A-7 5 (3) UX-8 6**

Transporter _____ Acknowledgment of Receipt of Materials
 Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____

Transporter _____ Acknowledgment of Receipt of Materials
 Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____

Discrepancy _____

Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

H141	H141	H141		
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1395787

Cycle Chem, Inc

550 Industrial Drive Lewisberry PA 17339 PHONE: 717-938-4700, FAX:
717-938-3301

Land Disposal Restriction Notification and Certification Form

Generator: ANTIETAM MIDDLE - SENIOR HIGH
SCHOOL

Manifest Tracking Number: 82070

EPAID: NOT REQUIRED

Manifest Document Number: 009587257JJK

The EPA hazardous wastes identified below must be treated to the applicable treatment standards Set forth In 40 CFR 268.40.

EPA Waste Code Information

Manifest Line	Waste-water?	EPA Codes
Page 1 Line 1	No	D001 (High TOC ignitable liquids subcategory)
Page 1 Line 2	No	D002
Page 1 Line 3	No	D009 (Low mercury [<260PPM total mercury] subcategory)
Page 1 Line 4	No	D001 (High TOC ignitable liquids subcategory), D002
Page 2 Line 1	No	D002, U132
Page 2 Line 2	No	D001 (High TOC ignitable liquids subcategory), D002
Page 2 Line 3	No	D022, U044

Underlying Hazardous Constituents

(None present unless identified below.)

Manifest Line	Constituents
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I certify that all information submitted On this Land Disposal Restriction and Certification Form is accurate and complete, to the best of my knowledge and information.

Signature: _____

Name: _____

Title: _____

Date: _____

Baker

Michael Baker Jr., Inc.
ATTACHMENT D

Brandywine Heights High School



**2012 Chemical Cleanout
Brandywine Heights High School
Work Log
August 10, 2012**

- 2:00-12:45 Michael Arthur (MA), representative of Michael Baker Jr., Inc. (Baker), John Morsberger (JM), representative of Green Industries (GI), the disposal contractor, and Maumee Express Inc. (MXI), the waste hauler, traveled from Hamburg Area High School to Brandywine Heights High School, located in Longswamp, PA.
- 12:45 MA and JM met with Michael Wetzel (MW), Director of Buildings & Grounds for the school, discussed the project, and proceeded to Room 238 where the surplus chemicals for disposal were previously placed by Brandywine Heights High School personnel. MW confirmed that all of the chemicals present in Room 238 were for disposal.
- GI transported the chemicals for disposal to the outdoor staging area.
- 13:00 GI began segregating the chemicals for disposal, began chemical inventory/record keeping, and placed the segregated chemicals into properly labeled disposal containers.
- 13:20 GI completed placement of the segregated chemicals into properly labeled disposal containers.
- MXI transported the disposal containers into the waste hauler truck.
- MW signed waste manifests and was given documentation of chemical disposal for school records.
- MA conducted a visual inspection of the site to confirm proper clean up and that the area worked in by GI and MXI was left free of any sign of the chemical disposal process.
- 13:30 Baker, GI, and MXI departed the work site.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Brandywine Heights High School – Chemical Cleanout Project

PHOTOGRAPH 1	
DATE August 10, 2012	
LOCATION 103 Old Topton Road Mertztown, PA	
PHOTOGRAPHS BY Baker	

Comments: Room 283 where surplus chemicals were placed for disposal by Brandywine Heights High School.

PHOTOGRAPH 2	
DATE August 10, 2012	
LOCATION 103 Old Topton Road Mertztown, PA	
PHOTOGRAPHS BY Baker	

Comments: Disposal Contractor (Green Industries) transporting surplus chemicals for disposal from Room 238 to the outdoor staging area.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Brandywine Heights High School – Chemical Cleanout Project

PHOTOGRAPH
3

DATE
August 10, 2012

LOCATION
**103 Old Topton Road
Mertztown, PA**

PHOTOGRAPHS
BY
Baker



Comments: Disposal contractor (Green Industries) placing “oxidizers” into a 5-gallon disposal container.

PHOTOGRAPH
4

DATE
August 10, 2012

LOCATION
**103 Old Topton Road
Mertztown, PA**

PHOTOGRAPHS
BY
Baker



Comments: Disposal contractor (Green Industries) doing inventory and record keeping of chemicals for disposal.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Brandywine Heights High School – Chemical Cleanout Project

PHOTOGRAPH
5

DATE
August 10, 2012

LOCATION
**103 Old Tipton Road
Mertztown, PA**

PHOTOGRAPHS
BY
Baker



Comments: Disposal contractor (Green Industries) pouring liquid non-hazardous preserved specimens into a 55-gallon disposal container.

PHOTOGRAPH
6

DATE
August 10, 2012

LOCATION
**103 Old Tipton Road
Mertztown, PA**

PHOTOGRAPHS
BY
Baker



Comments: Five-gallon disposal container with toxic chemicals.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Brandywine Heights High School – Chemical Cleanout Project

PHOTOGRAPH 7
DATE August 10, 2012
LOCATION 103 Old Tipton Road Mertztown, PA
PHOTOGRAPHS BY Baker



Comments: Waste Hauler (Maumee Express) transporting hazardous waste containers from the outdoor staging area to the disposal truck.

PHOTOGRAPH 8
DATE August 10, 2012
LOCATION 103 Old Tipton Road Mertztown, PA
PHOTOGRAPHS BY Baker



Comments: Waste Hauler (Maumee Express) placing hazardous waste containers into the disposal truck.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Brandywine Heights High School – Chemical Cleanout Project

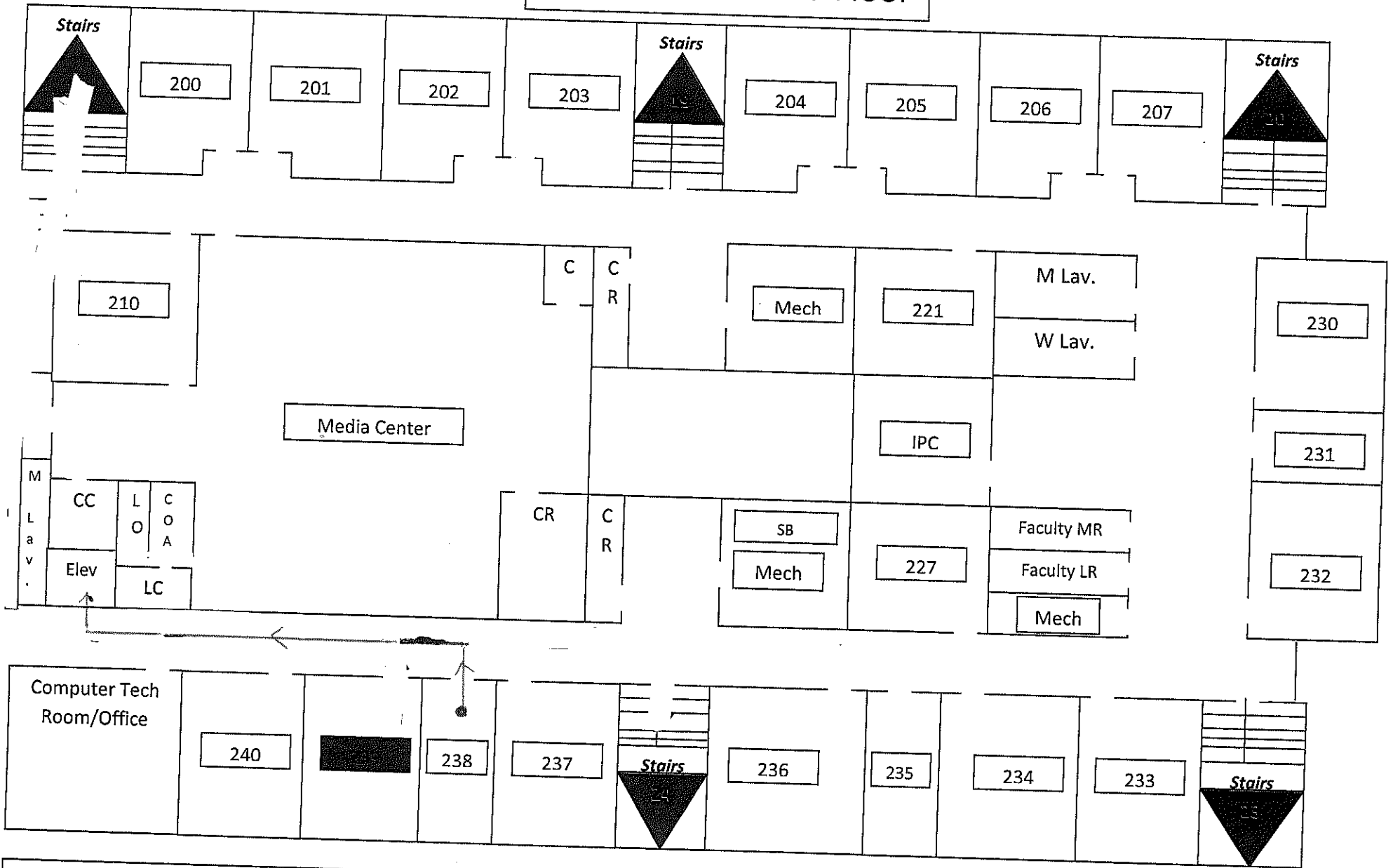
PHOTOGRAPH 9	
DATE August 10, 2012	
LOCATION 103 Old Topton Road Mertztown, PA	
PHOTOGRAPHS BY Baker	

Comments: Waste Hauler (Maumee Express) segregating hazardous waste containers in the disposal truck.

PHOTOGRAPH 10	
DATE August 10, 2012	
LOCATION 103 Old Topton Road Mertztown, PA	
PHOTOGRAPHS BY Baker	

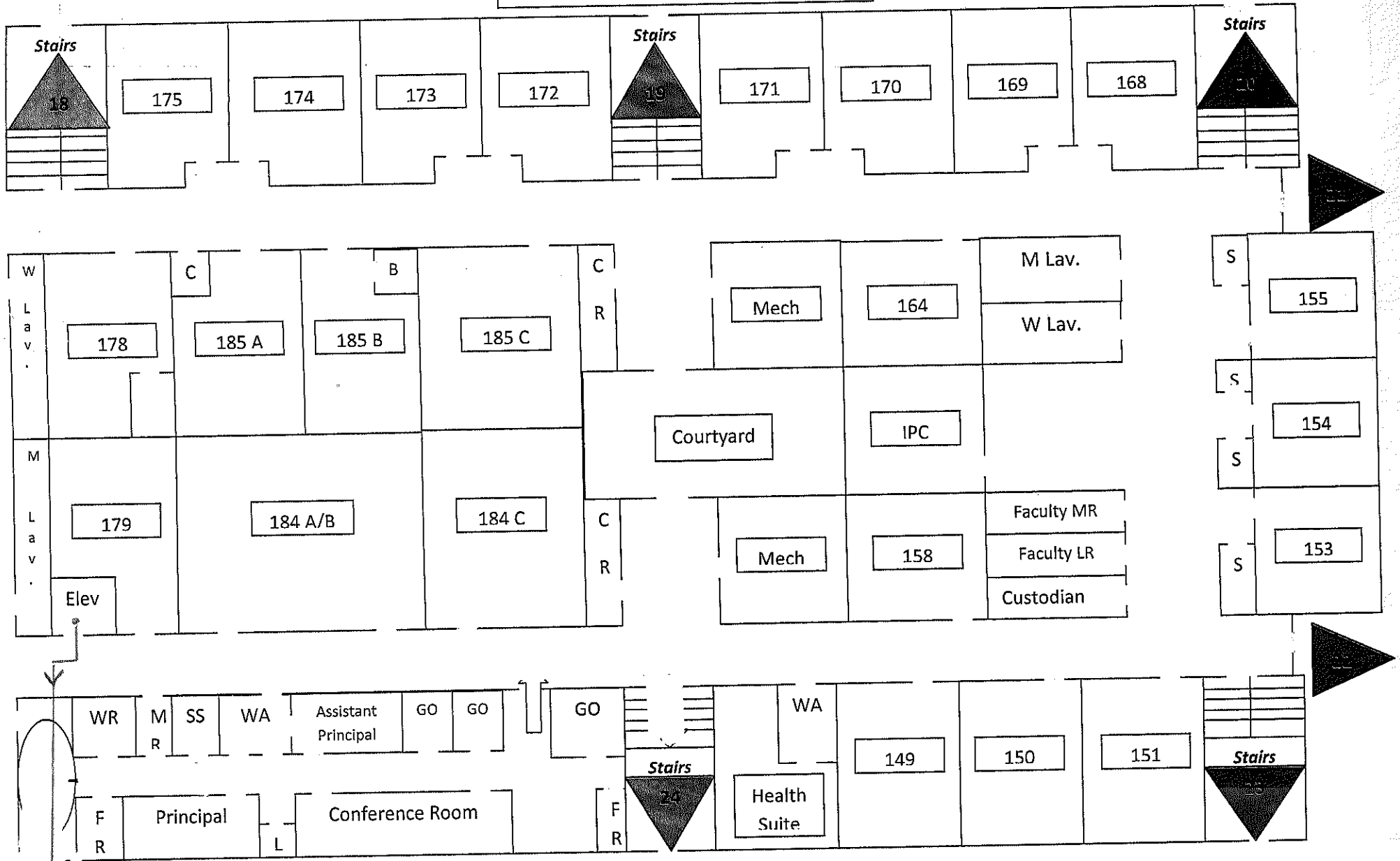
Comments: Hazardous waste disposal truck.

Fire Exits – Second Floor



Abbreviation Key:		
Faculty MR- Men's Room	Elev- Elevator	LC- Library Closet
Faculty LR- Ladies' Room	Mech- Mechanical Room	CC- Custodial Closet
M Lav. - Men's Lavatory	SB- Stokes Basket	LO- Library Office
W Lav. - Women's Lavatory	CR- Conference Room	COA- Check-Out Area
	C- Closet	

Fire Exits - First Floor



Abbreviation Key:		
Faculty MR- Men's Room	Elev- Elevator	LC- Library Closet
Faculty LR- Ladies' Room	Mech- Mechanical Room	CC- Custodial Closet
M Lav. - Men's Lavatory Area	SB- Stokes Basket	LO- Library Office
	CR- Conference Room	COA- Check-Out

Loading Area

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number CES08	2. Page 1 of 2	3. Emergency Response Phone (410) 360-9170	4. Manifest Tracking Number 009587319 JJK		
5. Generator's Name and Mailing Address BRANDYWINE HEIGHTS HIGH SCHOOL 103 OLD TOPTON ROAD METZTOWN, PA 19529		Generator's Site Address (if different than mailing address) SAME					
Generator's Phone: (610) 682-5111							
6. Transporter 1 Company Name ELCAN WASTE INC. Nuonsee Express, Inc.				U.S. EPA ID Number PA0000027753 PA000007380			
7. Transporter 2 Company Name				U.S. EPA ID Number			
8. Designated Facility Name and Site Address CYCLE CHEM. INC. 550 INDUSTRIAL DRIVE LEWISBERRY, PA 17329				U.S. EPA ID Number PA006709022			
Facility's Phone: (717) 938-4700							
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
		No.	Type				
X ¹	UN1553 WASTE FLAMMABLE LIQUIDS, N.O.S. (ALCOHOLS AND MINERAL SPIRITS) 3 PG II ERG# 13	001	DF	20	P	D001	
X ²	UN2734 WASTE AMINES, LIQUID, CORROSIVE, FLAMMABLE, N.O.S. OR POLYAMINES, CORROSIVE, FLAMMABLE, (D001 D002) 8 (3) PG II <i>(Not Shipped)</i> ERG# 13	0		0		D001	D002
X ³	UN1402 WASTE CALCIUM CARBIDE 4.3 PG II <i>(Not Shipped)</i> ERG# 13	0		0		D001	D003
X ⁴	UN1755 WASTE CORROSIVE SOLIDS, N.O.S. (D002 D003) 8 PG II <i>(Not Shipped)</i> ERG# 15	0		0		D002	D003
14. Special Handling Instructions and Additional Information 720107/ORE/545966/82255 ; ERG# 132 (1)UIK-A FLAMMABLE LOOSE PACK (2)UQA-4 1 (3)DWW-5 2 (4)VRABA-6 2							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offeror's Printed/Typed Name Michael Wetzel				Signature <i>(Signature)</i>		Month Day Year 08 10 12	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit Date leaving U.S.:							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name <i>(Signature)</i>				Signature <i>(Signature)</i>		Month Day Year 08 10 12	
Transporter 2 Printed/Typed Name				Signature		Month Day Year	
18. Discrepancy							
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
Manifest Reference Number.							
18b. Alternate Facility (or Generator)				U.S. EPA ID Number			
Facility's Phone:							
18c. Signature of Alternate Facility (or Generator)						Month Day Year	
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1.	H141	2.	H141	3.	H141	4.	H141
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a							
Printed/Typed Name				Signature		Month Day Year	

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)	21. Generator ID Number CE906	22. Page 2 of 2	23. Manifest Tracking Number 009587319JJK
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24. Generator's Name
BRANDYWINE HERBERT'S HIGH SCHOOL
103 OLD TOFTON ROAD
METZTOWN, PA 19539

25. Transporter _____ Company Name _____ U.S. EPA ID Number _____

26. Transporter _____ Company Name _____ U.S. EPA ID Number _____

27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers		29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes			
		No.	Type						
A	(1) UN2413 WASTE POTASSIUM CYANIDE SOLUTION 6.1 PG II <i>(Not Shipped)</i> ERG# 157	0		0			D003	D003	
A	(2) UN1479 WASTE OXIDIZING SOLID, N.O.S. (D004 D005 D006 D007 D008 D011) 5.1 PG II ERG# 140	001	DF	4	P		D004	D005	D006
A	(3) UN2888 WASTE TOXIC SOLID, INORGANIC, N.O.S. (U188 D005 D007 D008 D011) 6.1 PG II ERG# 153	001	DF	4	P		D007	D008	D011
A	(4) UN2892 WASTE MERCURY COMPOUNDS, SOLID, N.O.S. (D009) 6.1 PG II ERG# 153	001	DF	2	P		D009		
A	(5) UN2804 WASTE CORROSIVE LIQUID, INORGANIC, N.O.S. (D002) 8 PG II <i>Acidic</i> ERG# 154	001	DF	2	P		D002		
	(6) NON DOT / NON RCRA REGULATED <i>(Criteria in formaldehyde) Liquid</i>	001	DF	400	P				
X	(7) UN3265 Waste Corrosive Liquid, Organic, N.O.S., 8, PG II (LP-3)	001	DF	1	P		D002		
X	(8) Waste Acetic Acid, Glacial, BCB, UN2794, PG II	001	DF	10	P		D001	D002	

32. Special Handling Instructions and Additional Information
 72010770RE/54396678253 (1) UN-10 4 (2) STDL-7 5 (3) PH/R-11 6 (4)
)STHG-8 7 (5) UNH-9 9 (6) AC-B NON HAZARDOUS SOLIDS - LOOSE PACK

33. Transporter Acknowledgment of Receipt of Materials
 Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____

34. Transporter Acknowledgment of Receipt of Materials
 Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____

35. Discrepancy

36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

H141	H141	H141	H141	H141
------	------	------	------	------

GENERATOR:

Brandywine Heights HS
103 Old Lupton RD
Mertztown, PA 19539

DISPOSAL CODE:

LAB CODE:

D.O.T. PROPER

SHIPPING NAME:

Waste Corrosive Liquid, Acidic,
Inorganic, NOS

HAZARD CLASS:

8

PG II

E.P.A. WASTE

TYPE CODE:

D002

UN/NA:

UN3264

EPA ID NO.:

MANIFEST NO.:

DRUM NO.:

8

CONTAINER:

150F

PAGE

1

OF

1

DATE

QUANTITY

DESCRIPTION OF MATERIAL

1 x 1"

Ferrie Chloride

14 x 02

Iodine

14

7 x pt

Iodine Solutions

6+1

1 x gal

Sulfuric Acid

Aluminum Chloride

TOTAL WEIGHT:

Cycle Chem, Inc

550 Industrial Drive Lewisberry PA 17339 PHONE: 717-938-4700, FAX:
717-938-3301

Land Disposal Restriction Notification and Certification Form

Generator: BRANDYWINE HEIGHTS HIGH SCHOOL **Manifest Tracking Number:** 82255
EPAID: CESQG **Manifest Document Number:** 009587319JJK

The EPA hazardous wastes identified below must be treated to the applicable treatment standards Set forth In 40 CFR 268.40.

EPA Waste Code Information

Manifest Line	Waste-water?	EPACodes
Page 1 Line 1	No	D001 (High TOC ignitable liquids subcategory)
Page 1 Line 2	No	D001 (High TOC ignitable liquids subcategory), D002
Page 1 Line 3	No	D001 (Ignitable characteristic wastes subcategory , other than high TOC ignitable liquids), D003 (Water reactive subcategory)
Page 1 Line 4	No	D002, D003 (Water reactive subcategory)
Page 2 Line 1	No	D003 (Other reactive subcategory), P098
Page 2 Line 2	No	D004, D005, D006 (Cadmium non-battery subcategory), D007, D008 (Lead non-battery subcategory), D011
Page 2 Line 3	No	D005, D007, D008 (Lead non-battery subcategory), D011, U188
Page 2 Line 4	No	D009 (Low mercury [<260 PPM total mercury] subcategory)
Page 2 Line 5	No	D002
Page 2 Line 6	No	RCRA non-hazardous

Underlying Hazardous Constituents

(None present unless identified below.)

Manifest Line	Constituents
---------------	--------------

I certify that all information submitted On this Land Disposal Restriction and Certification Form is accurate and complete, to the best of my knowledge and information.

Signature: _____

Name: _____

Title: _____

Date: _____

Baker

Michael Baker Jr., Inc.
ATTACHMENT E

Central Tech Career and Technical School



**2012 Chemical Cleanout
Central Tech Career and Technical School
Work Log
August 15, 2012**

- 08:00 Michael Arthur (MA), representative of Michael Baker Jr., Inc. (Baker), John Morsberger (JM), representative of Green Industries (GI), the disposal contractor, and CleanVenture/Cycle Chem (CVCC), the waste hauler, arrived at Central Tech Career and Technical School in Erie, PA.
- 08:15 MA and JM met with Kirsten Rinkevich (KR), Science Materials Center Manager for the school, and discussed the project. They then proceeded to Room 253 where the surplus chemicals for disposal were previously placed by Central Tech Career and Technical School personnel. KR confirmed that all of the chemicals present in Room 253 were for disposal.
- GI transported the chemicals for disposal to the outdoor staging area at a parking lot located at the back of the school.
- 08:30 GI began segregating the chemicals for disposal, began chemical inventory/record keeping, and began placement of the segregated chemicals into properly labeled disposal containers.
- 09:00 GI completed placement of the segregated chemicals into properly labeled disposal containers.
- CVCC transported the disposal containers into the waste hauler truck.
- KR signed waste manifests and was given documentation of chemical disposal for school records.
- MA conducted a visual inspection of the site to confirm proper clean up and that the area worked in by GI and CVCC was left free of any sign of the chemical disposal process.
- 19:30 Baker, GI, and MXI departed the work site.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Central Tech Career and Technical School – Chemical Cleanout Project

PHOTOGRAPH
1

DATE
August 15, 2012

LOCATION
**3325 Cherry Street
Erie, PA**

PHOTOGRAPHS
BY
Baker



Comments: Room 253 where surplus chemicals were placed for disposal by Central Tech Career and Technical School.

PHOTOGRAPH
2

DATE
August 15, 2012

LOCATION
**3325 Cherry Street
Erie, PA**

PHOTOGRAPHS
BY
Baker



Comments: Disposal contractor (Green Industries) separating and segregating chemicals for disposal.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Central Tech Career and Technical School – Chemical Cleanout Project

PHOTOGRAPH
3

DATE
August 15, 2012

LOCATION
**3325 Cherry Street
Erie, PA**

PHOTOGRAPHS
BY
Baker



Comments: Disposal contractor (Green Industries) placing compressed gas cylinders into a 15-gallon disposal container at the outdoor staging area.

PHOTOGRAPH
4

DATE
August 15, 2012

LOCATION
**3325 Cherry Street
Erie, PA**

PHOTOGRAPHS
BY
Baker



Comments: Outdoor staging area

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Central Tech Career and Technical School – Chemical Cleanout Project

PHOTOGRAPH
5

DATE
August 15, 2012

LOCATION
**3325 Cherry Street
Erie, PA**

PHOTOGRAPHS
BY
Baker



Comments: Hazardous Waste and Flammable Liquid labels on a 15-gallon disposal container.

PHOTOGRAPH
6

DATE
August 15, 2012

LOCATION
**3325 Cherry Street
Erie, PA**

PHOTOGRAPHS
BY
Baker



Comments: Oxidizers placed in a 5-gallon disposal container with a spill absorbent (vermiculite).

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Central Tech Career and Technical School – Chemical Cleanout Project

PHOTOGRAPH
7

DATE
August 15, 2012

LOCATION
**3325 Cherry Street
Erie, PA**

PHOTOGRAPHS
BY
Baker



Comments: Room 253 after surplus chemicals were removed by the disposal contractor (Green Industries).

PHOTOGRAPH
8

DATE
August 15, 2012

LOCATION
**3325 Cherry Street
Erie, PA**

PHOTOGRAPHS
BY
Baker



Comments: Room 253 after surplus chemicals were removed by the disposal contractor (Green Industries).

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Central Tech Career and Technical School – Chemical Cleanout Project

PHOTOGRAPH
9

DATE
August 15, 2012

LOCATION
**3325 Cherry Street
Erie, PA**

PHOTOGRAPHS
BY
Baker



Comments: Segregating hazardous waste containers in the disposal truck.

PHOTOGRAPH
10

DATE
August 15, 2012

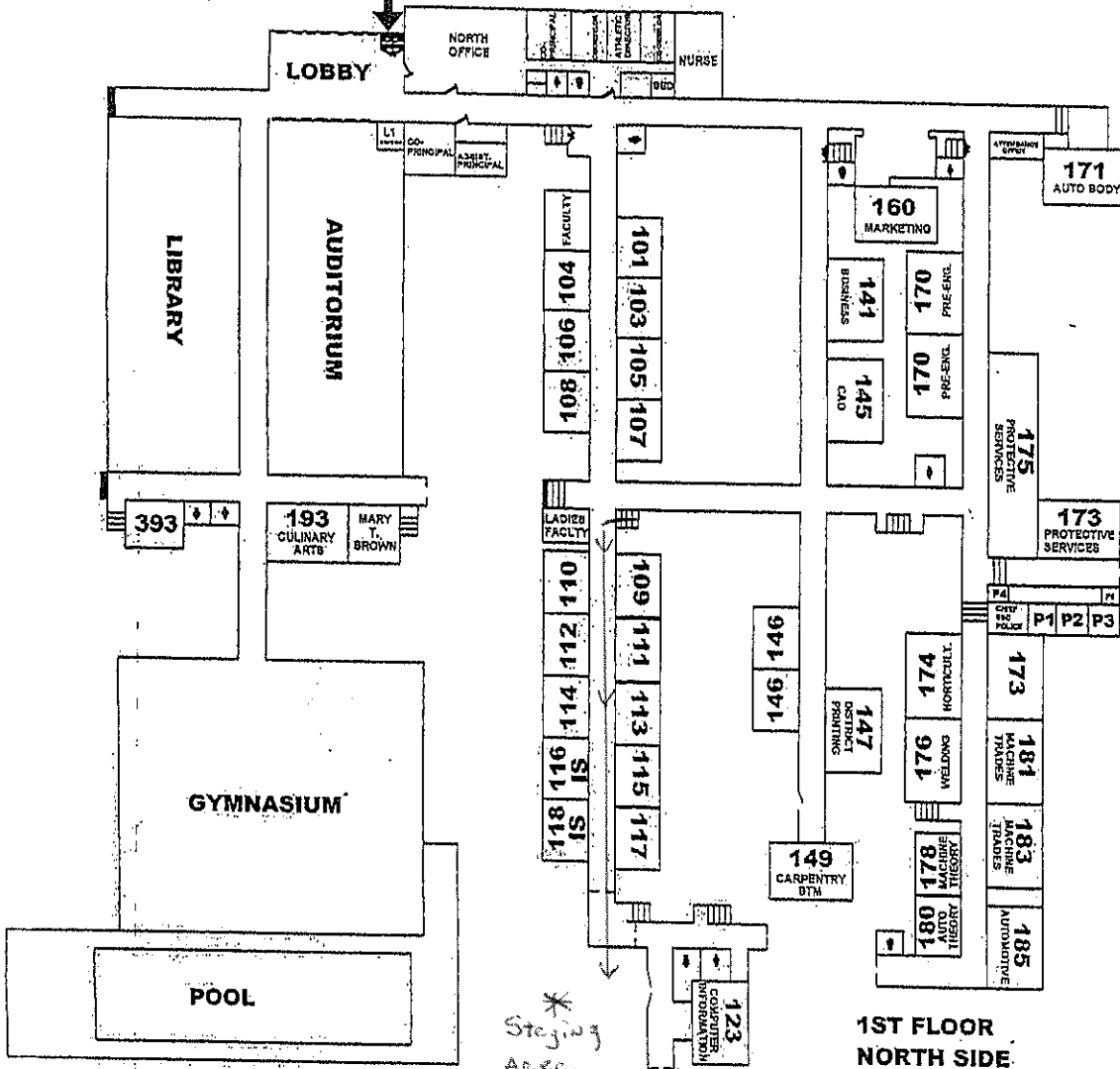
LOCATION
**3325 Cherry Street
Erie, PA**

PHOTOGRAPHS
BY
Baker

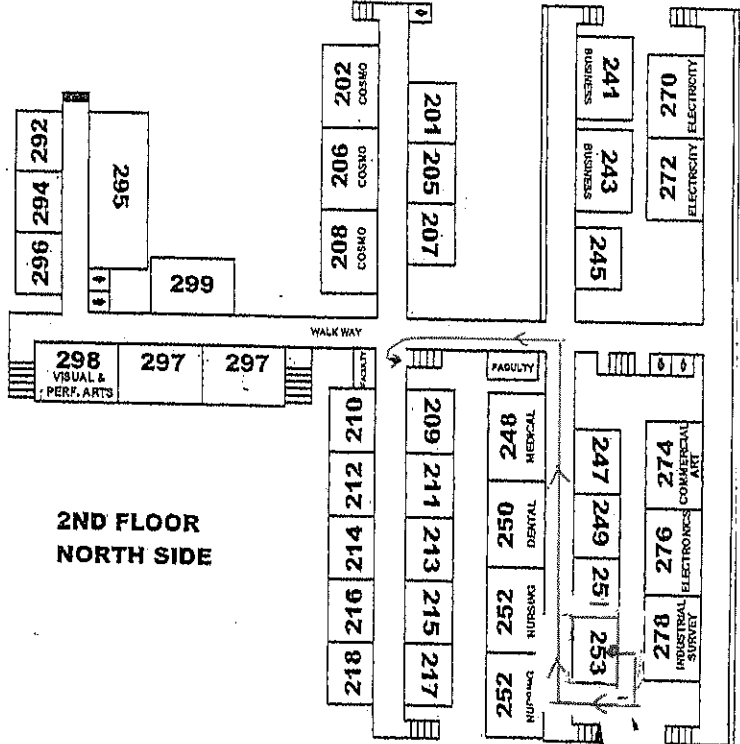


Comments: Hazardous waste disposal truck.

TO CAFETERIA & REC. ROOM



* Staging Area
↑ Loading Area
To Rear Parking Lot



2ND FLOOR NORTH SIDE



UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number NOT REQUIRED	2. Page 1 of 2	3. Emergency Response Phone (410) 368-9170	4. Manifest Tracking Number 009587255 JJK	
5. Generator's Name and Mailing Address CENTRAL TECH CAREER AND TECH 3325 CHERRY STREET ERIE, PA 16508				Generator's Site Address (if different than mailing address) SAME		
Generator's Phone: (814) 874-6200						
6. Transporter 1 Company Name CLEAN VENTURE INC.				U.S. EPA ID Number NJ0000027193		
7. Transporter 2 Company Name				U.S. EPA ID Number		
8. Designated Facility Name and Site Address CYCLE CHEM, INC. 550 INDUSTRIAL DRIVE LEWISBERRY, PA 17339				U.S. EPA ID Number PAD067098822		
Facility's Phone: (717) 938-4700						
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit W/L Vol.	13. Waste Codes
		No.	Type			
X ¹	UN1993 WASTE FLAMMABLE LIQUIDS, N.O.S. (PAINTS / THINNERS) 3 PG II ERG# 124	001	DF	30	P	D001
X ²	UN1049 WASTE HYDROGEN, COMPRESSED 2.1 ERG# 115	008	CY	45	P	D001
X ³	UN1017 WASTE CHLORINE POISON-INHALATION HAZARD ZONE B 2.3 (5.1, B) ERG# 124	001	CY	3	P	D001
	4. NON DOT / NON RCRA REGULATED SOLIDS	001	DF	120	P	NONE
14. Special Handling Instructions and Additional Information 720044/GRE/545743/8206B (1)UIK-C FLAMMABLE LOOSE PACK (2)SETBL-B HYDROGEN CYLINDER (3)SETCLP-A CHLORINE CYLINDER (4)AC-D NON HAZARDOUS SOLIDS - LOOSE PACK						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Offoror's Printed/Typed Name KIRSTEN RINKOVICH				Signature <i>Kirsten Rinkovich</i>		Month Day Year 8 15 12
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____						
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name Robert String				Signature <i>Robert String</i>		Month Day Year 08 15 12
Transporter 2 Printed/Typed Name				Signature		Month Day Year
18. Discrepancy						
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
Manifest Reference Number:						
18b. Alternate Facility (or Generator)				U.S. EPA ID Number		
Facility's Phone:						
18c. Signature of Alternate Facility (or Generator)						Month Day Year
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
1.	H141	2.	H141	3.	H141	4.
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a						
Printed/Typed Name				Signature		Month Day Year

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator ID Number NOT REQUIRED	22. Page 2 of 3	23. Manifest Tracking Number 009587255JJK				
24. Generator's Name CENTRAL TECH CAREER AND TECHNICAL SCHOOL 3325 CHERRY STREET ERIE, PA 16508								
25. Transporter _____ Company Name				U.S. EPA ID Number				
26. Transporter _____ Company Name				U.S. EPA ID Number				
27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers		29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes		
		No.	Type			D001	D005	D007
X	(1) UN1479 WASTE OXIDIZING SOLID, N.O.S. (D001 D005 D007 D008 D011) 5.1 PG II <i>ERG# 140</i>	001	DF	20	P	D001	D005	D007
X	(2) UN3266 WASTE CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (D002 D005) PG II <i>(Not Shipped) ERG# 154</i>	0		0		D002	D005	
X	(3) UN2683 WASTE AMMONIUM SULFIDE SOLUTION 8 (6.1, 3) PG II <i>(Not Shipped) ERG# 132</i>	0		0		D001	D002	
X	(4) UN3280 WASTE TOXIC SOLID, INORGANIC, N.O.S. (U144 D005 D006 D007 D008 D010) 6.1 PG II <i>ERG# 151</i>	001	DF	10	P	U144	D005	D006
X	(5) UN2813 WASTE WATER-REACTIVE SOLID, N.O.S. (D001 D003) 4.3 PG II <i>(Not Shipped) ERG# 138</i>	0		0		D001	D003	
X	(6) UN3264 WASTE CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (U122 D002) 8 PG II <i>ERG# 154</i>	001	DF	8	P	U122	D002	
X	(7) UN2809 WASTE MERCURY 8 PG III <i>ERG# 172</i>	001	DF	3	P	D002		
X	(8) UN1825 WASTE SODIUM MONOXIDE 8 PG II <i>UN1362 Waste Carbon, Activated, 4.2, PG III ERG# 157</i>	001	DF	30	P	U155 D001		
X	(9) UN1338 WASTE PHOSPHORUS, AMORPHOUS 4.1 PG III <i>ERG# 133</i>	001	DF	1	P	D001		
	<i>(10) Carbon Dioxide, Compressed, 2.2</i>	002	CY	15	P	N/A		
32. Special Handling Instructions and Additional Information 720044/BRE/545743/82068 (1)STOLC-5 1 (2)UDW-6 2 (3)VRA38B-7 3 (4)AA-8 4 (5)CCEDWW-9 5 (6)UDA-10 6 (7)STHGA-11 7 (8)VRA4-12 9 (9)VRA4-13 10 U201								
33. Transporter _____ Acknowledgment of Receipt of Materials Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____								
34. Transporter _____ Acknowledgment of Receipt of Materials Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____								
35. Discrepancy								
36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)								
H141		H141		H141		H141		
H141		H141		H141		H141		

GENERATOR: Central Tech Career & Tech School
3325 Cherry Street
Eric, PA 16508

EPA ID NO.: _____

MANIFEST NO.: 8

DRUM NO.: _____ CONTAINER: 35DF

DISPOSAL CODE: _____ LAB CODE: _____

D.O.T. PROPER SHIPPING NAME: Waste Carbon, Activated

HAZARD CLASS: 4.2 PG III

E.P.A. WASTE TYPE CODE: D001 UN/NA: UN362

PAGE 1 OF 1 DATE _____

QUANTITY	DESCRIPTION OF MATERIAL
20	Mercury Thermometers
	Charcoal, Activated
	TOTAL WEIGHT:

Cycle Chem, Inc

550 Industrial Drive Lewisberry PA 17339 PHONE: 717-938-4700, FAX:
717-938-3301

Land Disposal Restriction Notification and Certification Form

Generator: CENTRAL TECH CAREER AND
TECHNICAL SCHOOL

Manifest Tracking Number: 82068

EPAID: NOT REQUIRED

Manifest Document Number: 009587255JJK

The EPA hazardous wastes identified below must be treated to the applicable treatment standards Set forth In 40 CFR 268.40.

EPA Waste Code Information

Manifest Line	Waste-water?	EPACodes
Page 1 Line 1	No	D001 (High TOC ignitable liquids subcategory)
Page 1 Line 2	No	D001 (Ignitable characteristic wastes subcategory , other than high TOC ignitable liquids)
Page 1 Line 3	No	D001 (Ignitable characteristic wastes subcategory , other than high TOC ignitable liquids)
Page 1 Line 4	No	RCRA non-hazardous
Page 2 Line 1	No	D001 (Ignitable characteristic wastes subcategory , other than high TOC ignitable liquids), D005, D007, D008 (Lead non-battery subcategory), D011
Page 2 Line 2	No	D002, D005
Page 2 Line 3	No	D001 (High TOC ignitable liquids subcategory), D002
Page 2 Line 4	No	D005, D006 (Cadmium non-battery subcategory), D007, D008 (Lead non-battery subcategory), D010, U144
Page 2 Line 5	No	D001 (Ignitable characteristic wastes subcategory , other than high TOC ignitable liquids), D003 (Water reactive subcategory)
Page 2 Line 6	No	D002, U122
Page 2 Line 7	No	D002
Page 2 Line 8	No	U165
Page 2 Line 9	No	D001 (Ignitable characteristic wastes subcategory , other than high TOC ignitable liquids)

Underlying Hazardous Constituents

(None present unless identified below.)

Manifest Line	Constituents
---------------	--------------

I certify that all information submitted On this Land Disposal Restriction and Certification Form is accurate and complete, to the best of my knowledge and information.

Signature: 

Name: KIRSTEN RINKEVICH

Title: SCIENCE MATERIALS SPECIALIST

Date: 8/15/12

Baker

Michael Baker Jr., Inc.
ATTACHMENT F

Cumberland Valley High School



**2012 Chemical Cleanout
Cumberland Valley High School
Work Log
August 1 and 2, 2012**

8/1
11:30- 12:30 Michael Arthur (MA), representative of Michael Baker Jr., Inc. (Baker), and John Morsberger (JM), representative of Green Industries (GI), the disposal contractor, traveled from Upper Dauphin Area High School to Cumberland Valley High School, located in Silver Springs Township, PA.

MA and JM met with Donald Carr (DC), Science Supervisor at the school, discussed the project, and proceeded to Room 143 where the surplus chemicals for disposal were previously placed by Cumberland Valley High School personnel. Mr. Carr confirmed that all of the chemicals present in Room 143 were for disposal.

13:00 GI began segregating the chemicals for disposal.

Kevin Beer and Shannon Thurstin, representing the Pennsylvania Department of Environmental Protection (PADEP), arrived at the work site to observe the chemical disposal procedures.

14:00 GI completed chemical segregation, began chemical inventory/record keeping, and began placement of the segregated chemicals into properly labeled disposal containers.

14:40 GI completed placement of the segregated chemicals into properly labeled disposal containers. The containers were left in Room 143, overnight, as CleanVenture/Cycle Chem (CVCC), the waste hauler, was due the next day 8/2/12 for removal of the disposal containers.

MA conducted a visual inspection of the site to confirm proper clean up.

15:00 Baker, PADEP, and GI departed the work site.

8/2
09:00 – 10:00 MA and CVCC traveled from Upper Dauphin Area High School to Cumberland Valley High School, located in Silver Springs Township, PA.

CVCC began transporting the disposal containers from Room 143 into the waste hauler truck.

10:30 CVCC completed loading the truck with the disposal containers.

DC signed waste manifests and was given documentation of chemical disposal for school records.

MA conducted a visual inspection of the site to confirm proper clean up and that the area worked in by GI and CVCC was left free of any sign of the chemical disposal process.

Baker and CVCC departed the work site.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Cumberland Valley High School – Chemical Cleanout Project

PHOTOGRAPH

1

DATE

August 1, 2012

LOCATION

6746 Carlisle Pike
Mechanicsburg, PA

PHOTOGRAPHS
BY

Baker



Comments: Room 143 where surplus chemicals were placed for disposal by Cumberland Valley High School.

PHOTOGRAPH

2

DATE

August 1, 2012

LOCATION

6746 Carlisle Pike
Mechanicsburg, PA

PHOTOGRAPHS
BY

Baker



Comments: Room 143's Storage Room flammable cabinet where surplus chemicals were placed for disposal by Cumberland Valley High School.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Cumberland Valley High School – Chemical Cleanout Project

PHOTOGRAPH
3

DATE
August 1, 2012

LOCATION
**6746 Carlisle Pike
Mechanicsburg, PA**

PHOTOGRAPHS
BY
Baker



Comments: Disposal contractor (Green Industries) separating and segregating chemicals for disposal.

PHOTOGRAPH
4

DATE
August 1, 2012

LOCATION
**6746 Carlisle Pike
Mechanicsburg, PA**

PHOTOGRAPHS
BY
Baker



Comments: Kevin Beer, Shannon Thurstin (PADEP), and Donald Carr (Cumberland Valley Science Supervisor) observe chemical cleanout procedures.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Cumberland Valley High School – Chemical Cleanout Project

PHOTOGRAPH
5

DATE
August 1, 2012

LOCATION
**6746 Carlisle Pike
Mechanicsburg, PA**

PHOTOGRAPHS
BY
Baker



Comments: Disposal contractor (Green Industries) loading a 30-gallon disposal container with inorganic acids.

PHOTOGRAPH
6

DATE
August 1, 2012

LOCATION
**6746 Carlisle Pike
Mechanicsburg, PA**

PHOTOGRAPHS
BY
Baker



Comments: Disposal contractor (Green Industries) loading a 30-gallon disposal container with liquid flammables.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Cumberland Valley High School – Chemical Cleanout Project

PHOTOGRAPH
7

DATE
August 1, 2012

LOCATION
**6746 Carlisle Pike
Mechanicsburg, PA**

PHOTOGRAPHS
BY
Baker



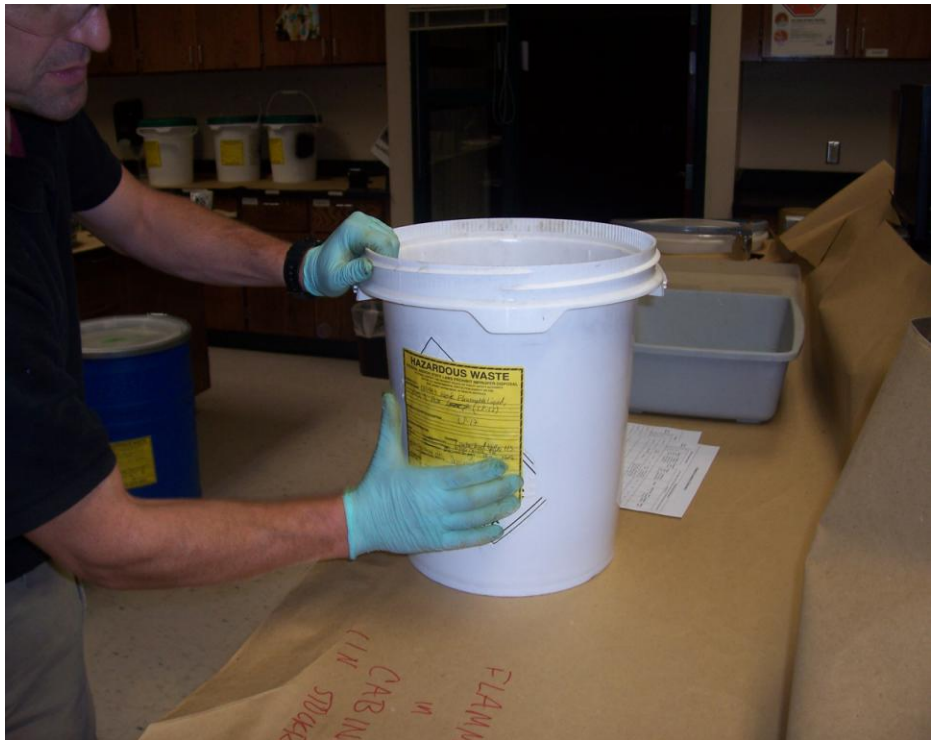
Comments: Disposal container loaded with flammable liquids and a spill absorbent (vermiculite).

PHOTOGRAPH
8

DATE
August 1, 2012

LOCATION
**6746 Carlisle Pike
Mechanicsburg, PA**

PHOTOGRAPHS
BY
Baker




Comments: Disposal contractor (Green Industries) placing a hazardous waste warning label on a 5-gallon disposal container loaded with ethers.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Cumberland Valley High School – Chemical Cleanout Project

<p>PHOTOGRAPH 9</p>	
<p>DATE August 1, 2012</p>	
<p>LOCATION 6746 Carlisle Pike Mechanicsburg, PA</p>	
<p>PHOTOGRAPHS BY Baker</p>	

Comments: Hazardous Material and Corrosives labels on 5-gallon disposal containers.

<p>PHOTOGRAPH 10</p>	
<p>DATE August 1, 2012</p>	
<p>LOCATION 6746 Carlisle Pike Mechanicsburg, PA</p>	
<p>PHOTOGRAPHS BY Baker</p>	


Comments: Disposal contractor (Green Industries) doing inventory and record keeping of chemicals for disposal.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Cumberland Valley High School – Chemical Cleanout Project

<p>PHOTOGRAPH 11</p>	
<p>DATE August 2, 2012</p>	
<p>LOCATION 6746 Carlisle Pike Mechanicsburg, PA</p>	
<p>PHOTOGRAPHS BY Baker</p>	

Comments: Room 143's Storage Room flammable cabinet after surplus chemicals were removed by the disposal contractor (Green Industries).

<p>PHOTOGRAPH 12</p>	
<p>DATE August 2, 2012</p>	
<p>LOCATION 6746 Carlisle Pike Mechanicsburg, PA</p>	
<p>PHOTOGRAPHS BY Baker</p>	

Comments: Disposal contractor (Green Industries) transporting disposal containers to the disposal truck.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Cumberland Valley High School – Chemical Cleanout Project

PHOTOGRAPH 13
DATE August 2, 2012
LOCATION 6746 Carlisle Pike Mechanicsburg, PA
PHOTOGRAPHS BY Baker



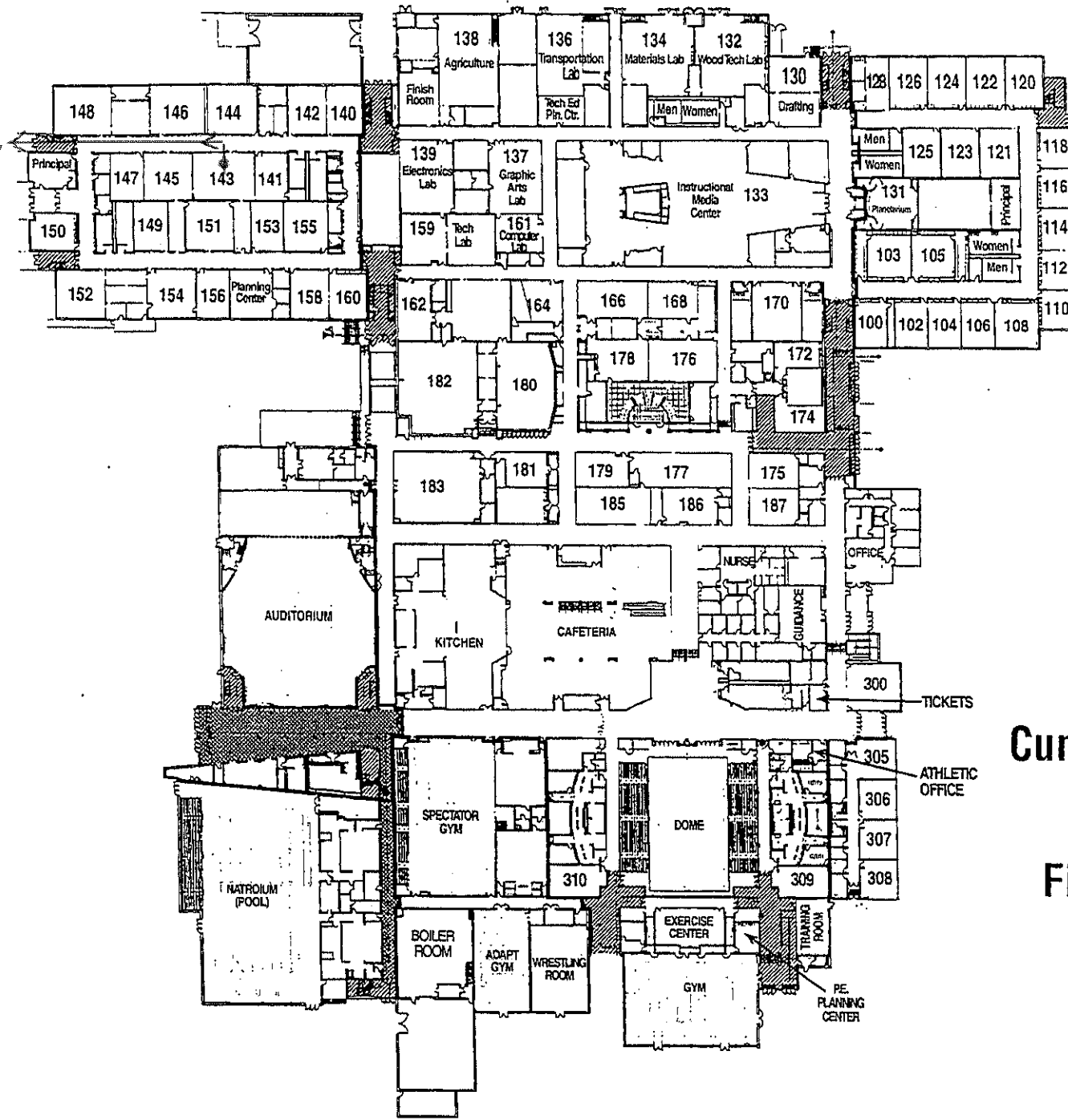
Comments: Hazardous waste disposal truck (CleanVenture/Cycle Chem).

PHOTOGRAPH 14
DATE August 2, 2012
LOCATION 6746 Carlisle Pike Mechanicsburg, PA
PHOTOGRAPHS BY Baker



Comments: Segregated hazardous waste containers in the disposal truck.

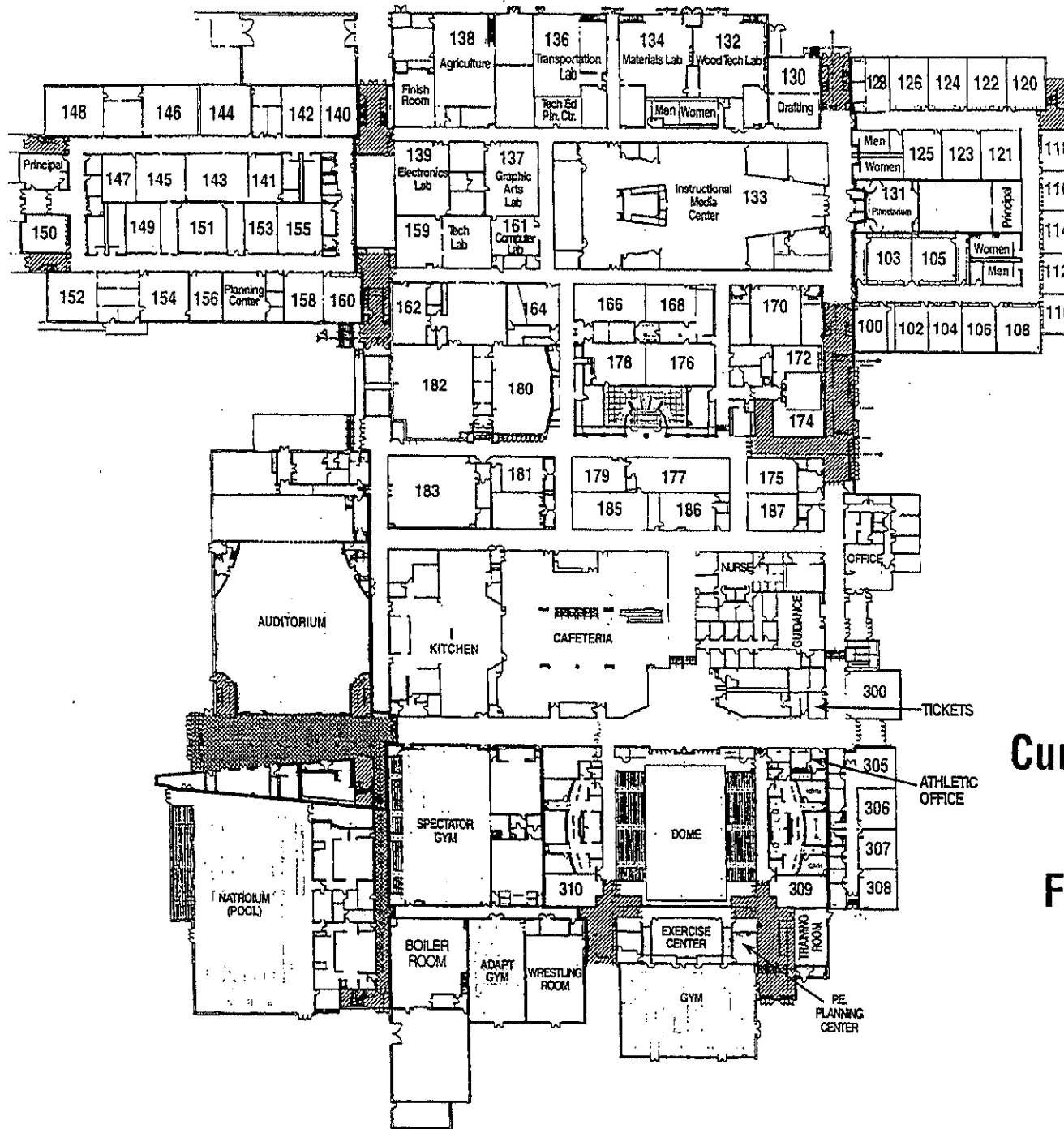
Loading Area



Cumberland Valley High School

First Floor Plan

- 138 Agriculture
- 136 Transportation Lab
- 134 Materials Lab
- 132 Wood Tech Lab
- 130 Drafting
- 128
- 126
- 124
- 122
- 120
- 148
- 146
- 144
- 142
- 140
- 139 Electronics Lab
- 137 Graphic Arts Lab
- 133 Instructional Media Center
- 125 Men
- 123 Women
- 121
- 150
- 147
- 145
- 143
- 141
- 131 Planetarium
- 103
- 105
- 118
- 116
- 114
- 112
- 152
- 154
- 156 Planning Center
- 158
- 160
- 162
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- 185
- 186
- 187
- 109
- 110
- AUDITORIUM
- KITCHEN
- CAFETERIA
- NURSE
- OFFICE
- 300 TICKETS
- 305 ATHLETIC OFFICE
- 306
- 307
- 308
- NATATORIUM (POOL)
- SPECTATOR GYM
- BOILER ROOM
- ADAPT GYM
- WRESTLING ROOM
- 310
- EXERCISE CENTER
- GYM
- TRAINING ROOM
- PE PLANNING CENTER



**Cumberland Valley
High School
First Floor Plan**

Hazardous Waste Manifest	1. Generator ID Number PADEP0017424	2. Page 1 of 3	3. Emergency Response Phone (410) 368-9170	4. Manifest Tracking Number 009587183 JJK
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Generator's Name and Mailing Address 6746 CARLISLE PIKE MECHANICSBURG, PA 17050	Generator's Site Address (if different than mailing address) SAME
Generator's Phone: 717-766-6217	

Transporter 1 Company Name CLEAN VENTURE INC.	U.S. EPA ID Number NJ0000027193
Transporter 2 Company Name	U.S. EPA ID Number

Designated Facility Name and Site Address 550 INDUSTRIAL DRIVE LEWISBERRY, PA 17339	U.S. EPA ID Number PA0067098822
Facility's Phone: (717) 938-4700	

9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
	No.	Type					
X ¹ UN1993 WASTE FLAMMABLE LIQUIDS, N.O.S. (ALCOHOLS AND MINERAL SPIRITS) 3 PG II ERG# 12	004	DF	500	P	D001		
2. NON DOT / NON RCRA REGULATED SOLIDS	003	DF	90	P	NONE		
X ³ UN2734 WASTE AMINES, LIQUID, CORROSIVE, FLAMMABLE, N.O.S. OR POLYAMINES, LIQUID, CORROSIVE, FLAMMABLE. (D001 D002) 8 (3) PG II	001	DF	6	P	D001	D002	
X ⁴ UN3287 WASTE TOXIC LIQUID, INORGANIC, N.O.S. (P075 U072 U080 U144 U190 U218) 6.1 PG II ERG# 15	001	DF	40	P	P075	U072	U080
					U144	U190	U218

Special Handling Instructions and Additional Information 719935/GRE/545453/81864 ;ERG# 132 (1)SD2M-A FLAMMABLE LIQUIDS LOOSE PACK (2)AC-B NON HAZARDOUS SOLIDS - LOOSE PACK (3)UAM-4 1 (4)VRAE-5 2

GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeor's Printed/Typed Name DONALD B CARR	Signature <i>Donald B Carr</i>	Month	Day	Year
--	-----------------------------------	-------	-----	------

International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.	Port of entry/exit
Transporter signature (for exports only):	Date leaving U.S.:

Transporter Acknowledgment of Receipt of Materials	Signature	Month	Day	Year
Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

Discrepancy

1. Discrepancy Indication Space Quantity Type Residue Partial Rejection Full Rejection

Alternate Facility (or Generator)	Manifest Reference Number:	U.S. EPA ID Number	
Facility's Phone:			
Signature of Alternate Facility (or Generator)	Month	Day	Year

Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)			
1. H141	2.	3. H141	4. H141

Designated Facility Owner or Operator. Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a	Signature	Month	Day	Year
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UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)	21. Generator ID Number	22. Page	23. Manifest Tracking Number
	PADEP0017424	2 of 3	009587183JJK

Generator's Name CUMBERLAND VALLEY HIGH SCHOOL
 746 CARLISLE PIKE
 MECHANICSBURG, PA 17050

Transporter _____ Company Name U.S. EPA ID Number

Transporter _____ Company Name U.S. EPA ID Number

27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers		29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes		
	No.	Type					
(1) UN3265 WASTE CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (D003) 8 PG II <i>not Shipped</i> ERG# 153	0		0		D003		
(2) UN3264 WASTE CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (U122 D002) 8 PG II ERG# 154	001	DF	40	P	U122	D002	
(3) UN1325 WASTE FLAMMABLE SOLIDS, ORGANIC, N.O.S. (U165) 4.1 PG II ERG# 133	001	DF	4	P	U165		
(4) UN1381 WASTE PHOSPHORUS, WHITE DRY OR PHOSPHORUS, WHITE, UNDER WATER OR PHOSPHORUS WHITE, IN SOLUTION 0 4.2 (6.1) PG I	001	DF	1	P	D001	D003	
(5) UN1807 WASTE PHOSPHORUS PENTOXIDE 8 PG II ERG# 137	001	DF	1	P	D002		
(6) UN2025 WASTE MERCURY COMPOUNDS, SOLID, N.O.S. (D009) 6.1 PG II ERG# 151	001	DF	4	P	D009		
(7) UN3139 WASTE OXIDIZING LIQUID, N.O.S. (P011 P012 D004 D007 D008) 5.1 PG II ERG# 140	001	DF	25	P	P011	P012	D004
(8) UN2683 WASTE AMMONIUM SULFIDE SOLUTION 8 (6.1, 3) PG II ERG# 132	001	DF	2	P	D001	D002	
(9) UN1687 WASTE SODIUM AZIDE 6.1 PG II ERG# 153	001	DF	2	P	P105		
(10) UN2813 WASTE WATER-REACTIVE SOLID, N.O.S. (D001 D003) 4.3 PG II ERG# 138	001	DF	2	P	D001	D003	

Special Handling Instructions and Additional Information 719935/GRE/545453/81864 ; ERG# 136 (1)VRAB-6 3 (2)UDA-7 4 (3)VRA4-8 5 (4)PYRO-9 6 (5)VRAB-10 7 (6)STHG-11 8 (7)STOL-12 9 (8)VRA38B-13 10 (9)VRA6-1 11 (10)CCEDWW-15 12

Transporter _____ Acknowledgment of Receipt of Materials
 Printed/Typed Name Signature Month Day Year

Transporter _____ Acknowledgment of Receipt of Materials
 Printed/Typed Name Signature Month Day Year

Discrepancy

Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)				
H141	H141	H141	H141	H141
H141	H141	H141	H141	H141

HAZARDOUS WASTE MANIFEST (Continuation Sheet)	21. Generator ID Number PADEF0017424	22. Page 3 of 3	23. Manifest Tracking Number 009587183JJK
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Generator's Name CUMBERLAND VALLEY HIGH SCHOOL
746 CARLISLE PIKE
MECHANICSBURG, PA 17050

Transporter _____ Company Name	U.S. EPA ID Number
Transporter _____ Company Name	U.S. EPA ID Number

27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers		29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes	
	No.	Type			D001	D003
(1) UN3108 WASTE ORGANIC PEROXIDE TYPE E, SOLID 5.2 PG II ERG# 145	001	DF	2	P	D001	D003
(2) UN1790 WASTE HYDROFLUORIC ACID, WITH NOT MORE THAN 50 PERCENT STRENGTH 8 (6.1) PG II ERG# 157	001	DF	4	P	U134	D002
(3) UN2029 WASTE HYDRAZINE, ANHYDROUS 8 (3, 6.1) PG I ERG# 132	001	DF	2	P	D002	
(4) UN3029 Waste Water Reactive Liquid, Corrosive, N.O.S., 4.3(8), PG# (LP-3)	001	DF	4	P	D002	D003
(5) UN1873 Waste Perchloric Acid, 5.1(8), PG I	001	DF	2	P	D001	D002
(6) UN1993 Waste Flammable Liquid, N.O.S., 3, PG# (LP-17)	001	DF	7	P	D001	U117

Special Handling Instructions and Additional Information 719935/GRE/545453/81864 (1)RPX-16 13 (2)UHF-17 14 (3)VRA3BB-18

Transporter _____ Accepted/Typed Name	Signature	Month	Day	Year
--	-----------	-------	-----	------

Transporter _____ Accepted/Typed Name	Signature	Month	Day	Year
--	-----------	-------	-----	------

Discrepancy

Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)			
H141	H141	H141	

1395787

OR MOVE
SbCl₃ to
Drum 3

GENERATOR: Cumberland Valley H.S.
6746 Carlisle Pike
Mechanicsburg, PA 17050

EPA ID NO.: _____

MANIFEST NO.: _____

DRUM NO.: 2 CONTAINER: 30DF

DISPOSAL CODE: VRAB LAB CODE: _____
D.O.T. PROPER SHIPPING NAME: Waste Toxic liquid, Inorganics
NOS

HAZARD CLASS: 6.1 PG II

E.P.A. WASTE TYPE CODE: P075, U218, D005, D007
D008, U044, U144 UN/NA: UN3287

PAGE 1 OF 1 DATE _____

QUANTITY	DESCRIPTION OF MATERIAL	
1 x kept	Nicotine	P075
1 x kept	Thiopacetamide	U218
1 x pt	p-Dibromobenzene	
1 x pt	Dichloromethane	U080
1 x pt	p-Dichlorobenzene	D027, U072
1 x qt	Trichloroethylene	D040, U228
2 x gal	Dibutylphthalate "	
2 x qt	phthalic Anhydride "	U190
1 x 1/4"	Lead Bromide	D008
1 x 1#	Calcium Fluoride	
1 x 1"	Potassium Fluoride	
3 x 1#	Sodium Fluoride ""	
1 x 1#	Barium Sulfate	D005
1 x 1#	Lead Carbonate	D008
4 x 1/4#	Antimony trichloride ""	D003 VRABA
2 x 1/4"	Chromium Chloride "	D007
1 x 1/4#	Cadmium Sulfate	D005
2 x 2"	Chromium potassium sulfate "	D007
1 x 1"	Lead Acetate	U144 D008
2 x 1#	Lead Chloride "	D008
2 x 1"	Barium Oxide "	D005
4 x 1#	Lead oxide ""	D008
10 x 1"	Potassium Ferricyanide 10	
4 x 1"	Sodium Ferricyanide ""	
4 x 1#	Sodium Thiocyanate ""	
5 x gal	Chloroform	U044, D022
4 x pt	Aniline	

TOTAL WEIGHT: _____

Cycle Chem, Inc

550 Industrial Drive Lewisberry PA 17339 PHONE: 717-938-4700, FAX:
717-938-3301

Land Disposal Restriction Notification and Certification Form

Generator: CUMBERLAND VALLEY HIGH SCHOOL **Manifest Tracking Number:** 81864
EPAID: PADEP0017424 **Manifest Document Number:** 009587183JJK

The EPA hazardous wastes identified below must be treated to the applicable treatment standards Set forth In 40 CFR 268.40.

EPA Waste Code Information

Manifest Line	Waste-water?	EPA Codes
Page 1 Line 1	No	D001 (High TOC ignitable liquids subcategory)
Page 1 Line 2	No	RCRA non-hazardous
Page 1 Line 3	No	D001 (High TOC ignitable liquids subcategory), D002
Page 1 Line 4	No	D005, D007, D008 (Lead non-battery subcategory), D022, D027, D040, P075, U072, U080, U144, U190, U218, U228
Page 2 Line 1	No	D003 (Water reactive subcategory)
Page 2 Line 2	No	D002, U122
Page 2 Line 3	No	U165
Page 2 Line 4	No	D001 (Ignitable characteristic wastes subcategory, other than high TOC ignitable liquids), D003 (Other reactive subcategory)
Page 2 Line 5	No	D002
Page 2 Line 6	No	D009 (Low mercury [<260 PPM total mercury] subcategory)
Page 2 Line 7	No	D004, D007, D008 (Lead non-battery subcategory), P011, P012
Page 2 Line 8	No	D001 (High TOC ignitable liquids subcategory), D002
Page 2 Line 9	No	P105
Page 2 Line 10	No	D001 (Ignitable characteristic wastes subcategory, other than high TOC ignitable liquids), D003 (Water reactive subcategory)
Page 3 Line 1	No	D001 (Ignitable characteristic wastes subcategory, other than high TOC ignitable liquids), D003 (Other reactive subcategory)
Page 3 Line 2	No	D002, U134
Page 3 Line 3	No	D002

Underlying Hazardous Constituents

(None present unless identified below.)

Manifest Line	Constituents
---------------	--------------

I certify that all information submitted On this Land Disposal Restriction and Certification Form is accurate and complete, to the best of my knowledge and information.

Signature: Donald B Carl

Name: DONALD B CARL

Title: Science Supervisor

Date: 8-1-2012

Baker

Michael Baker Jr., Inc.
ATTACHMENT G

Eastern Lebanon County High School



**2012 Chemical Cleanout
Eastern Lebanon County High School
Work Log
August 10, 2012**

- 08:00 Michael Arthur (MA), representative of Michael Baker Jr., Inc. (Baker), and John Morsberger (JM), representative of Green Industries (GI), the disposal contractor, arrived at Eastern Lebanon County High School, located in Jackson Township, PA.
- 08:10 MA and JM met with Joseph Sandoe (JS), Chemistry Teacher for the school, discussed the project, and proceeded to Room 228 where the surplus chemicals for disposal were previously placed by Eastern Lebanon County High School personnel. JS confirmed that all of the chemicals present in Room 228 were for disposal.
- GI began segregating the chemicals for disposal, chemical inventory/record keeping, and placement of the segregated chemicals into properly labeled disposal containers.
- 08:45 GI completed segregating the chemicals for disposal and placement of the segregated chemicals into the properly labeled disposal containers.
- Maumee Express, Inc. (MXI), the waste hauler, arrived on site.
- 09:00 GI transported the disposal containers from Room 228 to the outdoor staging area and completed associated disposal paperwork.
- MXI began transporting the disposal containers into the waste hauler truck.
- 09:30 MXI completed loading the waste hauler truck with the disposal containers.
- JS signed waste manifests and was given documentation of chemical disposal for school records.
- MA conducted a visual inspection of the site to confirm proper clean up and that the area worked in by GI and CVCC was left free of any sign of the chemical disposal process.
- Baker, GI, and MXI departed the work site.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Eastern Lebanon County High School – Chemical Cleanout Project

<p>PHOTOGRAPH 1</p>	
<p>DATE August 10, 2012</p>	
<p>LOCATION 180 Elco Drive Myerstown, PA</p>	
<p>PHOTOGRAPHS BY Baker</p>	

Comments: Room 228 where surplus chemicals were placed for disposal by Eastern Lebanon County High School.

<p>PHOTOGRAPH 2</p>	
<p>DATE August 10, 2012</p>	
<p>LOCATION 180 Elco Drive Myerstown, PA</p>	
<p>PHOTOGRAPHS BY Baker</p>	

Comments: Disposal contractor (Green Industries) loading a 5-gallon disposal container with water reactive chemicals.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Eastern Lebanon County High School – Chemical Cleanout Project

PHOTOGRAPH

3

DATE

August 10, 2012

LOCATION

**180 Elco Drive
Myerstown, PA**

PHOTOGRAPHS
BY

Baker



Comments: Disposal container loaded with toxic solids and a spill absorbent (vermiculite).

PHOTOGRAPH

4

DATE

August 10, 2012

LOCATION

**180 Elco Drive
Myerstown, PA**

PHOTOGRAPHS
BY

Baker



Comments: Disposal contractor (Green Industries) transporting disposal containers from Room 228 to the outdoor staging area.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Eastern Lebanon County High School – Chemical Cleanout Project

PHOTOGRAPH
5

DATE
August 10, 2012

LOCATION
**180 Elco Drive
Myerstown, PA**

PHOTOGRAPHS
BY
Baker



Comments: Disposal contractor (Green Industries) applying Hazardous Material label to a 5-gallon disposal container at the outdoor staging area.

PHOTOGRAPH
6

DATE
August 10, 2012

LOCATION
**180 Elco Drive
Myerstown, PA**

PHOTOGRAPHS
BY
Baker



Comments: Disposal contractor (Green Industries) adding a spill absorbent (vermiculite) to a 5-gallon disposal container at the outdoor staging area.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Eastern Lebanon County High School – Chemical Cleanout Project

PHOTOGRAPH
7

DATE
August 10, 2012

LOCATION
**180 Elco Drive
Myerstown, PA**

PHOTOGRAPHS
BY
Baker



Comments: Disposal containers ready to load on to the waste hauler truck.

PHOTOGRAPH
8

DATE
August 10, 2012

LOCATION
**180 Elco Drive
Myerstown, PA**

PHOTOGRAPHS
BY
Baker



Comments: Waste hauler (Maumee Express) loading disposal containers into the disposal truck.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Eastern Lebanon County High School – Chemical Cleanout Project

<p>PHOTOGRAPH 9</p>	
<p>DATE August 10, 2012</p>	
<p>LOCATION 180 Elco Drive Myerstown, PA</p>	
<p>PHOTOGRAPHS BY Baker</p>	

Comments: Hazardous waste disposal truck (Maumee Express).

<p>PHOTOGRAPH 10</p>	
<p>DATE August 10, 2012</p>	
<p>LOCATION 180 Elco Drive Myerstown, PA</p>	
<p>PHOTOGRAPHS BY Baker</p>	

Comments: Room 228 after chemicals for disposal were removed by disposal contractor (Green Industries).

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator ID Number PADEP0017296	22. Page 2 of 1	23. Manifest Tracking Number 0095973173JK				
24. Generator's Name EASTERN LEBANON COUNTY HIGH SCHOOL 100 ELRO DRIVE MYERSTOWN, PA 17067								
25. Transporter _____ Company Name				U.S. EPA ID Number				
26. Transporter _____ Company Name				U.S. EPA ID Number				
27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers		29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes		
		No.	Type					
X	(1) UN2813 WASTE WATER-REACTIVE SOLID, N.O.S. (D001 D003) 4.3 PG II ERG# 138	001	DF	6	P	D001	D003	
X	(2) UN3264 WASTE CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (D002) 8 PG II ERG# 154	001	DF	18	P	D002		
X	(3) UN2800 WASTE MERCURY 8 PG III ERG# 178	001	DF	4	P	D003		
X	(4) UN2824 WASTE MERCURY COMPOUNDS, LIQUID, N.O.S. (D009) 6.1 PG II ERG# 151	001	DF	8	P	D009		
X	(5) UN1338 WASTE PHOSPHORUS, AMORPHOUS 4.1 PG III ERG# 133	001	DF	1	P	D001		
X	(6) UN1849 WASTE SODIUM SULFIDE, HYDRATED WITH NOT LESS THAN 30 PERCENT WATER 8 PG II ERG# 153	001	DF	2	P	D002		
	(7) NON DOT / NON RCRA REGULATED MATERIAL	001	DF	60	P	NONE		
X	(8) UN2794 Waste Acetic Acid, Glacial 8(3), PG II	001	DF	18	P	D001	D012	
32. Special Handling Instructions and Additional Information 7C0106/GRE/545964/82253 (1)CEDWW-7 5 (2)UV1-8 6 (3)MD-9 7 (4)STHG-10 8 (5)VR44-11 9 (6)VRAB-12 10 (7)AC-A LOOSE PACK NONHAZARDOUS SOLIDS								
33. Transporter _____ Acknowledgment of Receipt of Materials								
Printed/Typed Name				Signature		Month	Day	Year
34. Transporter _____ Acknowledgment of Receipt of Materials								
Printed/Typed Name				Signature		Month	Day	Year
35. Discrepancy								
36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)								
H141		H141		H141		H141		
H141								

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number D09F000A17296	2. Page 1 of 2	3. Emergency Response Phone (410) 368-9172	4. Manifest Tracking Number 009587317 JJK			
5. Generator's Name and Mailing Address 180 ELRO DRIVE MYERSTOWN, PA 17067 Generator's Phone: (717) 866-7447				Generator's Site Address (if different than mailing address) SAME				
6. Transporter 1 Company Name CLEAN VENTURE INC.				U.S. EPA ID Number NJ0000027193				
7. Transporter 2 Company Name				U.S. EPA ID Number				
8. Designated Facility Name and Site Address 550 INDUSTRIAL DRIVE LEWISBERRY, PA 17339 Facility's Phone: (717) 938-4700				U.S. EPA ID Number PA0067098822				
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
		No.	Type					
X ¹	UN2734 WASTE AMINES, LIQUID, CORROSIVE (Not Ship) FLAMMABLE, N.O.S. OR POLYAMINES, LIQUID, CORROSIVE, FLAMMABLE, (D001 D002) 8 (3) PG II	0		0		D001	D002	
X ²	UN1759 WASTE CORROSIVE SOLIDS, N.O.S. (D002 D003) 8 PG II (Not Shipped) ERG# 15	0		0		D002	D003	
X ³	UN1479 WASTE OXIDIZING SOLID, N.O.S. (D001 D005 D007) 5.1 PG II ERG# 14	001	DF	30	P	D001	D005	D007
X ⁴	UN3288 WASTE TOXIC SOLID, INORGANIC, N.O.S. (U144 D004 D005 D007 D008 D011) 6.1 PG II ERG# 15	001	DF	15	P	U144	D004	D005
						D007	D008	D011
14. Special Handling Instructions and Additional Information 720106/GRE/545964/82253 ; ERG# 132 (1) UDA-3 1 (2) VRBA-4 2 (3) STOL-5 3 (4) AR/R-6 4								
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.								
Generator's/Offoror's Printed/Typed Name Joseph Sandoe				Signature <i>Joseph Sandoe</i>		Month Day Year 8 10 12		
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____								
17. Transporter Acknowledgment of Receipt of Materials								
Transporter 1 Printed/Typed Name Grey Gale				Signature <i>Grey Gale</i>		Month Day Year 08 10 12		
Transporter 2 Printed/Typed Name				Signature		Month Day Year		
18. Discrepancy								
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection								
Manifest Reference Number: _____								
18b. Alternate Facility (or Generator)				U.S. EPA ID Number				
Facility's Phone: _____								
18c. Signature of Alternate Facility (or Generator)						Month Day Year		
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)								
1. H141		2. H141		3. H141		4. H141		
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a								
Printed/Typed Name				Signature		Month Day Year		

DISPOSAL CODE: _____ LAB CODE: _____

GENERATOR: Eastern Lebanon County HS
180 Elco Drive
Waynesboro, PA 17267

D.O.T. PROPER SHIPPING NAME: Waste Oxidizing Solid, D05

HAZARD CLASS: 5.1 PG II

EPA ID NO.: _____

E.P.A. WASTE TYPE CODE: D001, D007 UN/NA: UN1479

MANIFEST NO.: _____

DRUM NO.: 3 CONTAINER: 150F

PAGE 1 OF 1 DATE _____

QUANTITY	DESCRIPTION OF MATERIAL
3 x 1 ^{lb}	Ammonium Dichromate " D057
1 x 1 ^{lb}	Barium Nitrate " D005
7 x 1/4 ^{lb}	Cobalt Nitrate III "
1 x 1/4 ^{lb}	Copper Nitrate " "
6 x 1 ^{lb}	Iron Nitrate " "
1 x 1 ^{lb}	Magnesium Nitrate " "
1 x 1 ^{lb}	Nickel Nitrate " "
4 x 1/4 ^{lb}	Potassium Chromate III D007
3 x 1 ^{lb}	Potassium Chromate III "
1 x 5 ^{lb}	Potassium Nitrate " "
3 x 1/2 ^{lb}	Sodium Dichromate III "
2 x 1 ^{lb}	Sodium Nitrite " "
1 x 1 ^{lb}	Zinc Nitrate " "

TOTAL WEIGHT: _____

Cycle Chem, Inc

550 Industrial Drive Lewisberry PA 17339 PHONE: 717-938-4700, FAX:
717-938-3301

Land Disposal Restriction Notification and Certification Form

Generator: EASTERN LEBANON COUNTY HIGH SCHOOL
EPAID: PADEP0017296
Manifest Tracking Number: 82253
Manifest Document Number: 009587317JJK

The EPA hazardous wastes identified below must be treated to the applicable treatment standards Set forth In 40 CFR 268.40.

EPA Waste Code Information

Manifest Line	Waste-water?	EPA Codes
Page 1 Line 1	No	D001 (High TOC ignitable liquids subcategory), D002
Page 1 Line 2	No	D002, D003 (Water reactive subcategory)
Page 1 Line 3	No	D001 (Ignitable characteristic wastes subcategory, other than high TOC ignitable liquids), D005, D007
Page 1 Line 4	No	D004, D005, D007, D008 (Lead non-battery subcategory), D011, U144
Page 2 Line 1	No	D001 (Ignitable characteristic wastes subcategory, other than high TOC ignitable liquids), D003 (Water reactive subcategory)
Page 2 Line 2	No	D002
Page 2 Line 3	No	D009 (Low mercury [<260 PPM total mercury] subcategory)
Page 2 Line 4	No	D009 (Low mercury [<260 PPM total mercury] subcategory)
Page 2 Line 5	No	D001 (Ignitable characteristic wastes subcategory, other than high TOC ignitable liquids)
Page 2 Line 6	No	D002
Page 2 Line 7	No	RCRA non-hazardous

Underlying Hazardous Constituents

(None present unless identified below.)

Manifest Line	Constituents
---------------	--------------

I certify that all information submitted On this Land Disposal Restriction and Certification Form is accurate and complete, to the best of my knowledge and information.

Signature: Joseph Sandue

Name: Joseph Sandue

Title: Chemistry Teacher

Date: 8/10/12

Baker

Michael Baker Jr., Inc.
ATTACHMENT H
Emmaus High School



**2012 Chemical Cleanout
Emmaus High School
Work Log
August 10, 2012**

- 13:30-14:30 Michael Arthur (MA), representative of Michael Baker Jr., Inc. (Baker), and John Morsberger (JM), representing Green Industries (GI), the disposal contractor, traveled from Brandywine Heights High School to Emmaus High School, located in Emmaus, PA.
- 14:30 MA and JM met with Dan, the Maintenance Day Shift Supervisor for the school, discussed the project, and proceeded to Room 401 where the surplus chemicals for disposal were previously placed by Emmaus High School personnel. Near the doorway, there were six carts full of chemicals that appeared to be the surplus chemicals for disposal. Emmaus High School contact person, John Bradley, was not at the school.
- 14:45 GI transported the chemicals on carts from Room 401 to the outdoor courtyard staging area.
- GI began segregating the chemicals for disposal, chemical inventory/record keeping, and placement of the segregated chemicals into properly labeled disposal containers.
- 15:00 GI completed segregating the chemicals for disposal and continued placing the segregated chemicals into the properly labeled disposal containers.
- Maumee Express, Inc. (MXI), the waste hauler, arrived on site.
- 15:20 MA spoke with John Bradley, Chemistry Teacher for Emmaus High School, via cell phone. Mr. Bradley confirmed the chemicals on the six carts near the door way of Room 401 were all of the surplus chemicals for disposal.
- 15:30 MXI began transporting the disposal containers into the waste hauler truck.
- 15:45 MXI completed loading the waste hauler truck with the disposal containers.
- Richard Bernecker, the Maintenance Night Shift Supervisor for the school, signed waste manifests and was given documentation of chemical disposal for school records.
- MA conducted a visual inspection of the site to confirm proper clean up and that the area worked in by GI and MXI was left free of any sign of the chemical disposal process.
- 16:00 Baker, GI, and MXI departed the work site.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Emmaus High School – Chemical Cleanout Project

PHOTOGRAPH
1

DATE
August 10, 2012

LOCATION
**500 Macungie Avenue
Emmaus, PA**

PHOTOGRAPHS
BY
Baker



Comments: Room 401 where surplus chemicals were placed for disposal by Emmaus High School.

PHOTOGRAPH
2

DATE
August 10, 2012

LOCATION
**500 Macungie Avenue
Emmaus, PA**

PHOTOGRAPHS
BY
Baker



Comments: Surplus chemicals for disposal at the Courtyard staging area.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Emmaus High School – Chemical Cleanout Project

PHOTOGRAPH
3

DATE
August 10, 2012

LOCATION
**500 Macungie Avenue
Emmaus, PA**

PHOTOGRAPHS
BY
Baker



Comments: Disposal contractor (Green Industries) loading a 30-gallon disposal container with non-hazardous chemicals.

PHOTOGRAPH
4

DATE
August 10, 2012

LOCATION
**500 Macungie Avenue
Emmaus, PA**

PHOTOGRAPHS
BY
Baker



Comments: Disposal contractor (Green Industries) loading a 30-gallon disposal container with oxidizers.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Emmaus High School – Chemical Cleanout Project

PHOTOGRAPH
5

DATE
August 10, 2012

LOCATION
**500 Macungie Avenue
Emmaus, PA**

PHOTOGRAPHS
BY
Baker



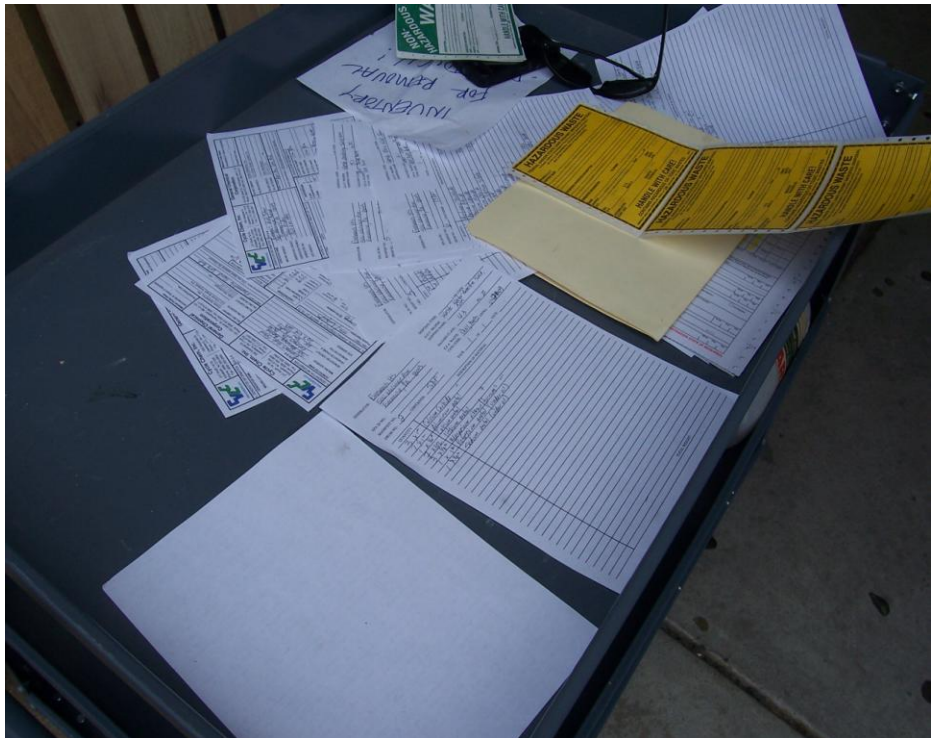
Comments: Disposal contractor (Green Industries) loading a 15-gallon disposal container with toxic solids.

PHOTOGRAPH
6

DATE
August 10, 2012

LOCATION
**500 Macungie Avenue
Emmaus, PA**

PHOTOGRAPHS
BY
Baker



Comments: Disposal contractor (Green Industries) doing inventory and record keeping of chemicals for disposal.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Emmaus High School – Chemical Cleanout Project

PHOTOGRAPH
7

DATE
August 10, 2012

LOCATION
**500 Macungie Avenue
Emmaus, PA**

PHOTOGRAPHS
BY
Baker



Comments: Disposal contractor (Green Industries) adding a spill absorbent (vermiculite) to a 5-gallon disposal containers at the outdoor staging area.

PHOTOGRAPH
8

DATE
August 10, 2012

LOCATION
**500 Macungie Avenue
Emmaus, PA**

PHOTOGRAPHS
BY
Baker



Comments: Hazardous Waste warning labels on a 5-gallon and 30-gallon disposal containers.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Emmaus High School – Chemical Cleanout Project

<p>PHOTOGRAPH 9</p>	
<p>DATE August 10, 2012</p>	
<p>LOCATION 500 Macungie Avenue Emmaus, PA</p>	
<p>PHOTOGRAPHS BY Baker</p>	

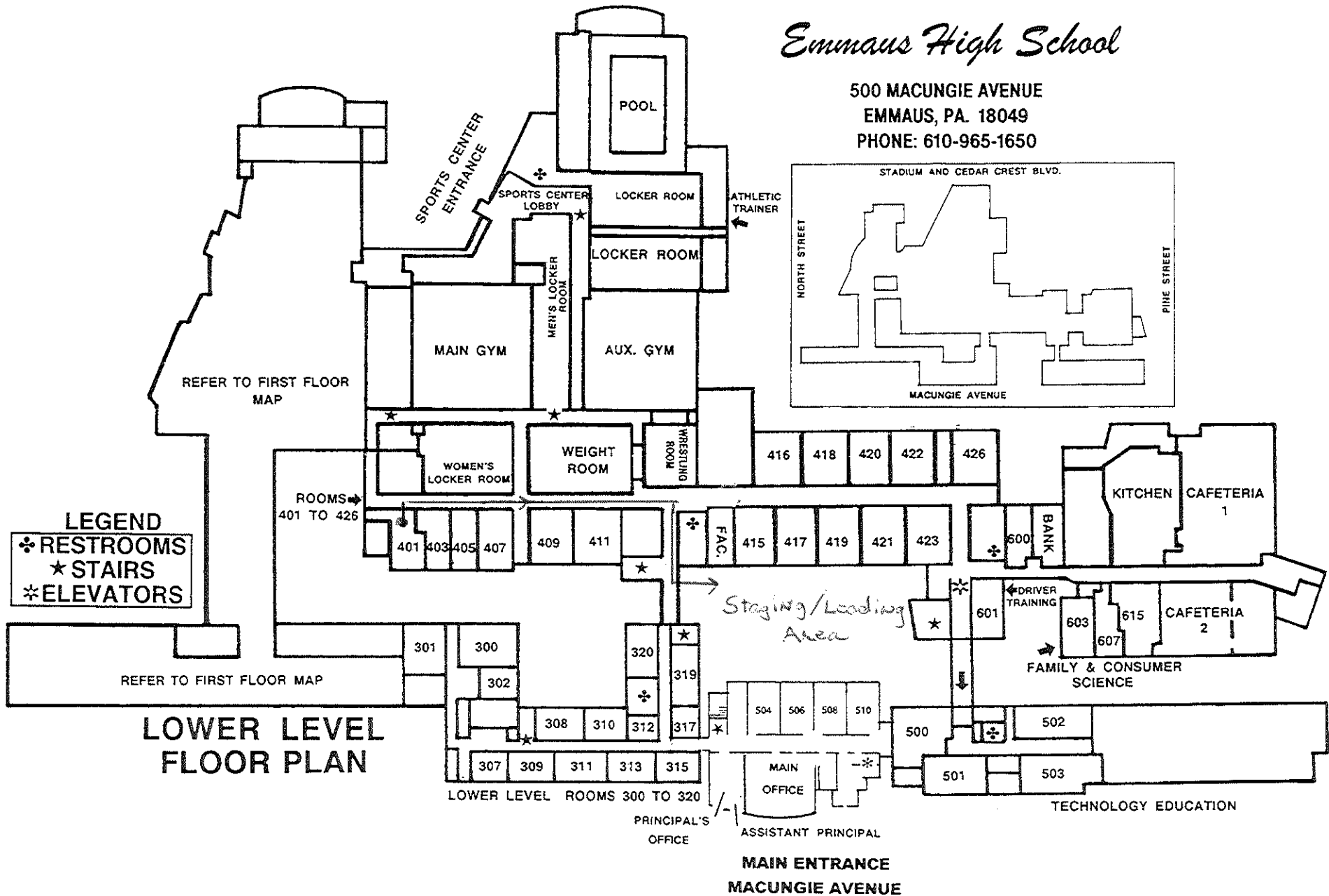
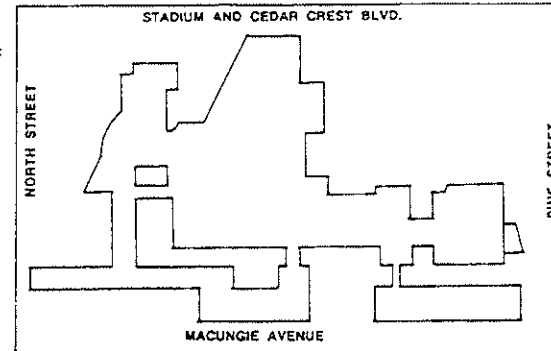
Comments: Waste hauler (Maumee Express) transporting disposal containers to the disposal truck.

<p>PHOTOGRAPH 10</p>	
<p>DATE August 10, 2012</p>	
<p>LOCATION 500 Macungie Avenue Emmaus, PA</p>	
<p>PHOTOGRAPHS BY Baker</p>	

Comments: Hazardous waste disposal truck (Maumee Express).

Emmaus High School

500 MACUNGIE AVENUE
EMMAUS, PA. 18049
PHONE: 610-965-1650



UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator ID Number CESQG	22. Page 2 of 2	23. Manifest Tracking Number 009587318JJK		
24. Generator's Name EMMAUS HIGH SCHOOL 500 MACUNGIE AVENUE EMMAUS, PA 18049						
25. Transporter _____ Company Name				U.S. EPA ID Number		
26. Transporter _____ Company Name				U.S. EPA ID Number		
27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers		29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes
		No.	Type			
X	(1) UN2025 WASTE MERCURY COMPOUNDS, SOLID, N.O.S. (D009) 6.1 PG II ERG# 151	001	DF	10	P	D009
X	(2) UN1479 WASTE OXIDIZING SOLID, N.O.S. (D005 D007 D008 D011) 5.1 PG II ERG# 140	001	DF	60	P	D005 D007 D011
X	(3) UN3288 WASTE TOXIC SOLID, INORGANIC, N.O.S. (U072 U080 U144 D005 D007 D008) 6.1 PG II ERG# 151	001	DF	30	P	U072 U080 D005 D007
X	(4) UN3264 WASTE CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (D002) 8 PG II ERG# 154	001	DF	15	P	D002
X	(5) UN3266 WASTE CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (D002 D005) 8 PG II <i>(loose pack)</i> ERG# 154	003	DF	60	P	D002 D005
X	(6) UN1362 CARBON, ACTIVATED 4.2 PG III ERG# 133	001	DF	10	P	NONE
	(7) NON DOT / NON RCRA REGULATED SOLIDS	001	DF	150	P	NONE
X	(8) UN2813 Waste Water Leachate, Solid, N15, 4.3, PG II (L1-2, L1-2A)	002	DF	26	P	D001 D003
32. Special Handling Instructions and Additional Information 720108/GRE/545965/82254 (1)STHG-7 4 (2)STOL-8 5 (3)AA/R-9)UV1-10 7 (5)AB-12 8 (6)SPC-11 9 (7)AC-B NON HAZARDOUS SOLIDS - LOOSE PACK						
TRANSPORTER	33. Transporter Acknowledgment of Receipt of Materials					
	Printed/Typed Name			Signature		Month Day
TRANSPORTER	34. Transporter Acknowledgment of Receipt of Materials					
	Printed/Typed Name			Signature		Month Day
DESIGNATED FACILITY	35. Discrepancy					
	36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)					
	H141	H141	H141	H141	H141	H141

168-BLC-O 6 10499

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UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number CESQG	2. Page 1 of 2	3. Emergency Response Phone (410) 368-9170	4. Manifest Tracking Number 009587318 JJ		
5. Generator's Name and Mailing Address EMMAUS HIGH SCHOOL 500 MACUNGIE AVENUE EMMAUS, PA 18049			Generator's Site Address (if different than mailing address) SAME				
Generator's Phone: (267) 614-1443							
6. Transporter 1 Company Name CLEAN VENTURE INC. Maurice Express, Inc.				U.S. EPA ID Number NJ0000027193		NJ0906607	
7. Transporter 2 Company Name				U.S. EPA ID Number			
8. Designated Facility Name and Site Address CYCLE CHEM, INC. 550 INDUSTRIAL DRIVE LEWISBERRY, PA 17339				U.S. EPA ID Number			
Facility's Phone: (717) 938-4700				PAD067098822			
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
		No.	Type				
X1	UN1993 WASTE FLAMMABLE LIQUIDS, N.O.S. (ALCOHOLS AND MINERAL SPIRITS) 3 PG II ERG# 120	001	DF	15	P	D001	
X2	UN1325 WASTE FLAMMABLE SOLIDS, ORGANIC, N.O.S. (U165) 4.1 PG II ERG# 133	001	DF	6	P	U165	
X3	UN2809 WASTE MERCURY 8 PG III <i>(Not Shipped)</i> ERG# 172	000		0		D001 D003	
X4	UN3265 WASTE CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (D002) 8 PG II ERG# 153	001	DF	3	P	D002	
14. Special Handling Instructions and Additional Information 72010B/GRE/545965/82254 (1)UIK-A FLAMMABLE LOOSE PACK (2) 4 1 (3)CCEDWW-5 2 (4)VR88A-6 3							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packed, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Prime Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offero's Printed/Typed Name Richard K Bernecker				Signature <i>Richard K Bernecker</i>		Month Day Jan 8 10	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____ Transporter signature (for exports only): _____							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name Carey Gale				Signature <i>Carey Gale</i>		Month Day 01 10	
Transporter 2 Printed/Typed Name				Signature		Month Day	
18. Discrepancy							
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
18b. Alternate Facility (or Generator)						Manifest Reference Number: _____ U.S. EPA ID Number _____	
Facility's Phone: _____							
18c. Signature of Alternate Facility (or Generator)						Month Day	
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1.	H141	2.	H141	3.	H141	4.	H141
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name				Signature		Month Day	

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15688

DISPOSAL CODE: _____ LAB CODE: _____

GENERATOR: Emmans HS
500 Macungie Ave
Emmans, PA 18043

D.O.T. PROPER SHIPPING NAME: Waste Oxidizing Solid, Nos

HAZARD CLASS: 5.1 PG-II

EPA ID NO.: _____

E.P.A. WASTE TYPE CODE: D011, D008, D005 UN/NA: UN1479

MANIFEST NO.: _____

PAGE 1 OF 1 DATE _____

DRUM NO.: 5 CONTAINER: 30DF

QUANTITY	DESCRIPTION OF MATERIAL
1 x 1#	Aluminum Nitrate
1 x 1#	Calcium Nitrate
2 x 1#	Chromium Nitrate " D007
4 x 1#	Cobalt Nitrate ""
3 x 1#	Ferric Nitrate ""
4 x 1#	Lead Nitrate ""
3 x 1#	Magnesium Nitrate ""
1 x 1#	Potassium Nitrite
3 x 5#	Sodium Nitrate ""
1 x 1#	Zinc Nitrate
8 x 1#	Lead Dioxide " D008
4 x 1#	Manganese Dioxide ""
1 x 5#	Manganese Dioxide
1 x 5#	Ammonium Dichromate "
2 x 1#	Ammonium Nitrate ""
5 x 1#	Potassium Chromate " 5
1 x 5#	Potassium Dichromate
9 x 1#	Potassium Permanganate " + ""
2 x 1#	Sodium Chromate ""
3 x 1#	Barium Dioxide "" D008
1 x 1#	Calcium Hypochlorite
1 x 5#	Potassium Chlorate
3 x 1#	Potassium Chlorate ""
1 x 1#	Potassium Bromate
1 x 1oz	Potassium Iodate
1 x 1/2#	Potassium Persulfate
3 x 1#	Sodium Chlorate ""
2 x 1#	Sodium Chromate ""
2 x 1/2pt	Silver Nitrate "" D011
TOTAL WEIGHT:	

Cycle Chem, Inc

550 Industrial Drive Lewisberry PA 17339 PHONE: 717-938-4700, FAX:
717-938-3301

Land Disposal Restriction Notification and Certification Form

Generator: EMMAUS HIGH SCHOOL
EPAID: CESQG

Manifest Tracking Number: 82254
Manifest Document Number: 009587318JJK

The EPA hazardous wastes identified below must be treated to the applicable treatment standards Set forth In 40 CFR 268.40.

EPA Waste Code Information

Manifest Line	Waste-water?	EPA Codes
Page 1 Line 1	No	D001 (High TOC ignitable liquids subcategory)
Page 1 Line 2	No	U165
Page 1 Line 3	No	D001 (Ignitable characteristic wastes subcategory, other than high TOC ignitable liquids), D003 (Water reactive subcategory)
Page 1 Line 4	No	D002
Page 2 Line 1	No	D009 (Low mercury [<260 PPM total mercury] subcategory)
Page 2 Line 2	No	D005, D007, D008 (Lead non-battery subcategory), D011
Page 2 Line 3	No	D005, D007, D008 (Lead non-battery subcategory), D027, U072, U080, U144
Page 2 Line 4	No	D002
Page 2 Line 5	No	D002, D005
Page 2 Line 6	No	RCRA non-hazardous
Page 2 Line 7	No	RCRA non-hazardous

Underlying Hazardous Constituents

(None present unless identified below.)

Manifest Line	Constituents
---------------	--------------

I certify that all information submitted On this Land Disposal Restriction and Certification Form is accurate and complete, to the best of my knowledge and information.

Signature: Richard K Bernecker Name: Richard K Bernecker
Title: Night Foreman Date: 8/10/12

Baker

Michael Baker Jr., Inc.
ATTACHMENT I

Farrell Area High School



2012 Chemical Cleanout
Farrell Area School District
Work Log
August 15, 2012

12:00-13:40 Michael Arthur (MA), representative of Michael Baker Jr., Inc. (Baker), John Morsberger (JM), representative of Green Industries (GI), the disposal contractor, and CleanVenture/Cycle Chem (CVCC), the waste hauler, traveled from Iroquois High School to Farrell Area School District, located in Farrell, PA.

14:00 MA and JM met with Daniel Harkless (DH), Director of Buildings and Grounds for the school, discussed the project and proceeded to the Upper Maintenance Garage where most of the schools chemicals are stored. DH stated that the surplus chemicals for disposal had not been separated from the needed chemicals. **Also, DH stated that some of the chemicals on the disposal inventory cannot be located.** School personnel began to separate the surplus chemicals from the needed chemicals in the Upper Maintenance Garage Area, placing the surplus chemicals outside of the garage door. DH brought chemicals for disposal from the Pool Mechanical Area and the Gymnasium Storage Room to the chemical staging area located outdoors, at the front of the Lower Maintenance Garage. DH confirmed these are all of the chemicals for disposal.

GI transported the chemicals from the Upper Maintenance Garage to the outdoor staging area lot located at the front of the Lower Maintenance Garage for disposal.

15:00 GI began segregating the chemicals for disposal, chemical inventory/record keeping, and placement of the segregated chemicals into properly labeled disposal containers.

15:30 GI completed placement of the segregated chemicals into properly labeled disposal containers.

CVCC transported the disposal containers into the waste hauler truck.

DH signed waste manifests and was given documentation of chemical disposal for school records.

16:00 CVCC completed loading the waste hauler truck with the disposal containers.

MA conducted a visual inspection of the site to confirm proper clean up and that the area worked in by GI and CVCC was left free of any sign of the chemical disposal process.

Baker, GI, and CVCC departed the work site.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Farrell Area School District – Chemical Cleanout Project

PHOTOGRAPH
1

DATE
August 15, 2012

LOCATION
**1600 Roemer Boulevard
Farrell, PA**

PHOTOGRAPHS
BY
Baker



Comments: Upper Maintenance Garage where surplus and needed chemicals were located at Farrell Area School District.

PHOTOGRAPH
2

DATE
August 15, 2012

LOCATION
**1600 Roemer Boulevard
Farrell, PA**

PHOTOGRAPHS
BY
Baker



Comments: Daniel Harkless, Director of Buildings and Grounds for Farrell Area School District, separating surplus chemicals for disposal from needed chemicals.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Farrell Area School District – Chemical Cleanout Project

<p>PHOTOGRAPH 3</p>	
<p>DATE August 15, 2012</p>	
<p>LOCATION 1600 Roemer Boulevard Farrell, PA</p>	
<p>PHOTOGRAPHS BY Baker</p>	

Comments: Surplus chemicals for disposal as set out by Farrell Area School District.

<p>PHOTOGRAPH 4</p>	
<p>DATE August 15, 2012</p>	
<p>LOCATION 1600 Roemer Boulevard Farrell, PA</p>	
<p>PHOTOGRAPHS BY Baker</p>	

Comments: Disposal contractor (Green Industries) transporting chemicals for disposal from the Upper Maintenance Garage area to the outdoor staging area that is in front of the Lower Maintenance Garage area.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Farrell Area School District – Chemical Cleanout Project

PHOTOGRAPH
5

DATE
August 15, 2012

LOCATION
**1600 Roemer Boulevard
Farrell, PA**

PHOTOGRAPHS
BY
Baker



Comments: Outdoor staging area at the Lower Maintenance Garage area.

PHOTOGRAPH
6

DATE
August 15, 2012

LOCATION
**1600 Roemer Boulevard
Farrell, PA**

PHOTOGRAPHS
BY
Baker



Comments: Disposal contractor (Green Industries) loading a 15-gallon disposal container with liquid flammables.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Farrell Area School District – Chemical Cleanout Project

PHOTOGRAPH 7	
DATE August 15, 2012	
LOCATION 1600 Roemer Boulevard Farrell, PA	
PHOTOGRAPHS BY Baker	

Comments: Non-Hazardous Material label on 15-gallon disposal container.

PHOTOGRAPH 8	
DATE August 15, 2012	
LOCATION 1600 Roemer Boulevard Farrell, PA	
PHOTOGRAPHS BY Baker	

Comments: Hazardous waste disposal truck (CleanVenture/Cycle Chem).

FORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number PADEP0017260	2. Page 1 of 2	3. Emergency Response Phone (410) 368-9170	4. Manifest Tracking Number 009587180 JJK
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Generator's Name and Mailing Address: FARRELL AREA SCHOOL DISTRICT
 1600 ROEMER BOULEVARD
 FARRELL, PA 16121
 Generator's Site Address (if different than mailing address): SAME
 Generator's Phone: 724-854-8001

Transporter 1 Company Name: CLEAN VENTURE INC.
 U.S. EPA ID Number: NJ0000027193

Transporter 2 Company Name: _____
 U.S. EPA ID Number: _____
 Designated Facility Name and Site Address: CYCLE CHEM, INC.
 150 INDUSTRIAL DRIVE
 LEWISBERRY, PA 17339
 Facility's Phone: (717) 938-4700
 U.S. EPA ID Number: PND06709082E

9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt/Vol.	13. Waste Codes	
	No.	Type				
1. UN1479 WASTE OXIDIZING SOLID, N.O.S. (CALCIUM HYPOCHLORITE POOL CLEANER) 5.1 PG II ERG# 14	001	DF	40	P	D001	
2. UN1993 WASTE FLAMMABLE LIQUIDS, N.O.S. (ALCOHOLS AND MINERAL SPIRITS) 3 PG II ERG# 12	001	DF	60	P	D001	
3. NON DOT / NON RCRA REGULATED SOLIDS	003	DF	80	P	NONE	
4. NON DOT / NON RCRA REGULATED LIQUIDS (WATER BASED CLEANERS)	001	DF	40	P	NONE	

Special Handling Instructions and Additional Information: 719984/GRE/S45465/81861 (1)STXIC-D CALCIUM HYPOCHLORITE (2)ULK FLAMMABLE LIQUIDS LOOSE PACK (3)AC-C NON HAZARDOUS SOLIDS - LOOSE PACK (4)LS-A WATER BASED CLEANERS

GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offerer's Printed/Typed Name: Daniel R. Hankless
 Signature: [Signature]
 Month: _____ Day: _____ Year: _____

International Shipments: Import to U.S. Export from U.S.
 Port of entry/exit: _____
 Date leaving U.S.: _____

Order signature (for exports only): _____

Transporter Acknowledgment of Receipt of Materials
 Driver 1 Printed/Typed Name: Robert String
 Signature: [Signature]
 Month: 08 Day: 15 Year: 12

Driver 2 Printed/Typed Name: _____
 Signature: _____
 Month: _____ Day: _____ Year: _____

Discrepancy Indication Space: Quantity Type Residue Partial Rejection Full Rejection

Designated Facility (or Generator): _____
 Manifest Reference Number: _____
 U.S. EPA ID Number: _____

Phone: _____
 Signature of Alternate Facility (or Generator): _____
 Month: _____ Day: _____ Year: _____

Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1. H141	2. H141	3.	4.
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Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
 Typed Name: _____
 Signature: _____
 Month: _____ Day: _____ Year: _____

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)	21. Generator ID Number PADEF0017860	22. Page 2 of 2	23. Manifest Tracking Number 009587180JJK
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4. Generator's Name **FARRELL AREA SCHOOL DISTRICT**
1600 ROEMER BOULEVARD
FARRELL, PA 16121

5. Transporter _____ Company Name _____ U.S. EPA ID Number _____

6. Transporter _____ Company Name _____ U.S. EPA ID Number _____

7a. IM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers		29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes		
		No.	Type					
X	(1) UN3264 WASTE CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (D002) 8 PG II FRG# 154	001	DF	40	P	D002		
X	(2) UN1479 WASTE OXIDIZING SOLID, N.O.S. (D001) 5.1 PG II <i>(Not Shipped)</i> FRG# 140	000		0		D001		
X	(3) UN3288 WASTE TOXIC SOLID, INORGANIC, N.O.S. (U188 U210 D019) <i>(Not Shipped)</i> FRG# 151	000		0		U188	U210	D019

32. Special Handling Instructions and Additional Information **719984/GRE/548405/81861 (1)UVI-5 1 (2)STDL-6 2 (3)VRAG-7 3**

33. Transporter Acknowledgment of Receipt of Materials
 Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____

34. Transporter Acknowledgment of Receipt of Materials
 Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____

35. Discrepancy _____

36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
H141 | **H141** | **H141** | | |

1395787

Cycle Chem, Inc

550 Industrial Drive Lewisberry PA 17339 PHONE: 717-938-4700, FAX:
717-938-3301

Land Disposal Restriction Notification and Certification Form

Generator: FARRELL AREA SCHOOL DISTRICT
EPAID: PADEP0017260

Manifest Tracking Number: 81861
Manifest Document Number: 009587180JJK

The EPA hazardous wastes identified below must be treated to the applicable treatment standards Set forth In 40 CFR 268.40.

EPA Waste Code Information

Manifest Line	Waste-water?	EPACodes
Page 1 Line 1	No	D001 (Ignitable characteristic wastes subcategory , other than high TOC ignitable liquids)
Page 1 Line 2	No	D001 (High TOC ignitable liquids subcategory)
Page 1 Line 3	No	RCRA non-hazardous
Page 1 Line 4	No	RCRA non-hazardous
Page 2 Line 1	No	D002
Page 2 Line 2	No	D001 (Ignitable characteristic wastes subcategory , other than high TOC ignitable liquids)
Page 2 Line 3	No	D019, U188, U210

Underlying Hazardous Constituents

(None present unless identified below.)

Manifest Line	Constituents
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I certify that all information submitted On this Land Disposal Restriction and Certification Form is accurate and complete, to the best of my knowledge and information.

Signature: 

Name: Daniel R. Hawkless

Title: Director of Maint.

Date: 8-15-12

Baker

Michael Baker Jr., Inc.
ATTACHMENT J

Hamburg Area High School



**2012 Chemical Cleanout
Hamburg Area High School
Work Log
August 10, 2012**

- 09:30-10:00 Michael Arthur (MA), representative of Michael Baker Jr., Inc. (Baker), John Morsberger (JM), representative of Green Industries (GI), the disposal contractor, and Maumee Express, Inc. (MXI), the waste hauler, traveled from Eastern Lebanon High School to Hamburg Area High School in Hamburg, PA.
- 10:00 MA and JM met with Mark Fritz (MF), Facilities Director for the school, discussed the project, and proceeded to Room 37 where the surplus chemicals for disposal were previously placed by Hamburg Area High School personnel. JS confirmed that all of the chemicals present in Room 37 were for disposal.
- 10:15 GI began segregating the chemicals for disposal, chemical inventory/record keeping, and placement of the segregated chemicals into properly labeled disposal containers.
- 10:45 GI completed segregating the chemicals for disposal and placement of the segregated chemicals into the properly labeled disposal containers.
- 11:00 GI transported the disposal containers from Room 37 to the waste hauler truck and completed associated chemical disposal paperwork.
- 11:15 MXI completed loading the waste hauler truck with the disposal containers.
- MF signed waste manifests and was given documentation of chemical disposal for school records.
- 12:00 MA conducted a visual inspection of the site to confirm proper clean up and that the area worked in by GI and MXI was left free of any sign of the chemical disposal process.
- Baker, GI, and MXI departed the work site.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Hamburg Area High School – Chemical Cleanout Project

PHOTOGRAPH 1	
DATE August 10, 2012	
LOCATION 701 Windsor Street Hamburg, PA	
PHOTOGRAPHS BY Baker	

Comments: Room 37 where surplus chemicals were placed for disposal by Hamburg Area High School.

PHOTOGRAPH 2	
DATE August 10, 2012	
LOCATION 701 Windsor Street Hamburg, PA	
PHOTOGRAPHS BY Baker	

Comments: Mark Fretz of Hamburg Area High School and John Morsberger of Green Industries (the disposal contractor) in Room 37 where surplus chemicals were placed for disposal by Hamburg Area High School.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Hamburg Area High School – Chemical Cleanout Project

<p>PHOTOGRAPH 3</p>	
<p>DATE August 10, 2012</p>	
<p>LOCATION 701 Windsor Street Hamburg, PA</p>	
<p>PHOTOGRAPHS BY Baker</p>	

Comments: Disposal contractor (Green Industries) separating and segregating chemicals for disposal.

<p>PHOTOGRAPH 4</p>	
<p>DATE August 10, 2012</p>	
<p>LOCATION 701 Windsor Street Hamburg, PA</p>	
<p>PHOTOGRAPHS BY Baker</p>	

Comments: Disposal contractor (Green Industries) separating and segregating chemicals for disposal.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Hamburg Area High School – Chemical Cleanout Project

PHOTOGRAPH 5	
DATE August 10, 2012	
LOCATION 701 Windsor Street Hamburg, PA	
PHOTOGRAPHS BY Baker	

Comments: Disposal contractor (Green Industries) loading a 55-gallon disposal container with non-hazardous chemicals.

PHOTOGRAPH 6	
DATE August 10, 2012	
LOCATION 701 Windsor Street Hamburg, PA	
PHOTOGRAPHS BY Baker	

Comments: Disposal contractor (Green Industries) adding a spill absorbent (vermiculite) to a 30-gallon disposal container.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Hamburg Area High School – Chemical Cleanout Project

PHOTOGRAPH 7
DATE August 10, 2012
LOCATION 701 Windsor Street Hamburg, PA
PHOTOGRAPHS BY Baker



Comments: Hazardous Material and Corrosive labels on 30-gallon disposal container.

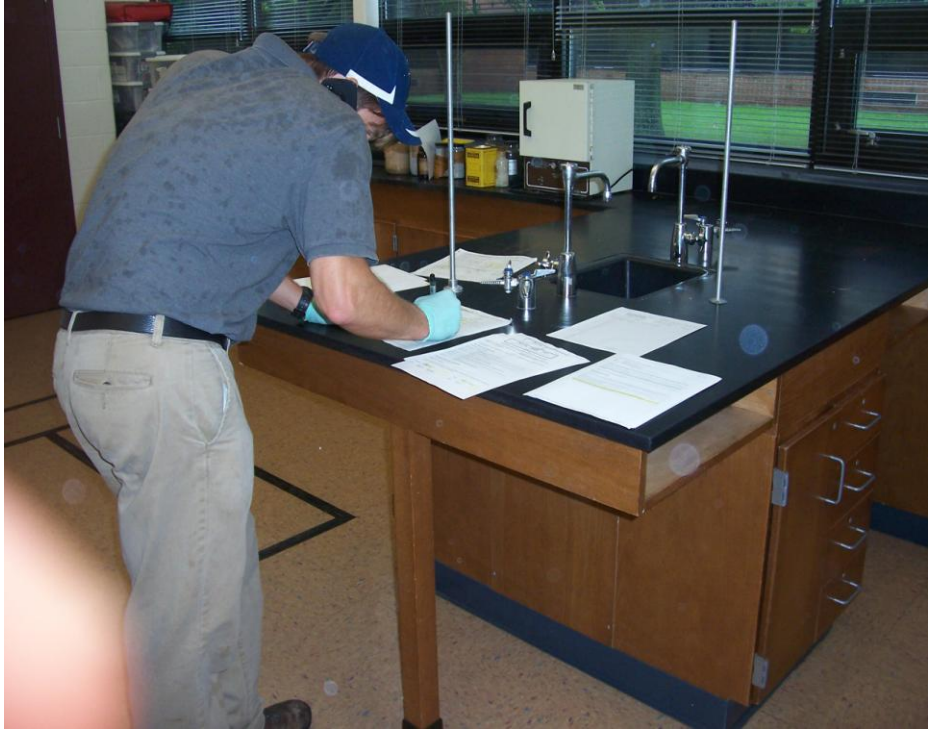
PHOTOGRAPH 8
DATE August 10, 2012
LOCATION 701 Windsor Street Hamburg, PA
PHOTOGRAPHS BY Baker



Comments: Disposal contractor (Green Industries) transporting disposal containers to the disposal truck.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Hamburg Area High School – Chemical Cleanout Project

<p>PHOTOGRAPH 9</p>	
<p>DATE August 10, 2012</p>	
<p>LOCATION 701 Windsor Street Hamburg, PA</p>	
<p>PHOTOGRAPHS BY Baker</p>	

Comments: Disposal contractor (Green Industries) doing inventory and record keeping of chemicals for disposal.

<p>PHOTOGRAPH 10</p>	
<p>DATE August 10, 2012</p>	
<p>LOCATION 701 Windsor Street Hamburg, PA</p>	
<p>PHOTOGRAPHS BY Baker</p>	

Comments: Room 37 after surplus chemicals were removed by the disposal contractor (Green Industries).

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Hamburg Area High School – Chemical Cleanout Project

<p>PHOTOGRAPH 11</p>	
<p>DATE August 10, 2012</p>	
<p>LOCATION 701 Windsor Street Hamburg, PA</p>	
<p>PHOTOGRAPHS BY Baker</p>	

Comments: Waste hauler (Maumee Express) loading and segregating hazardous waste containers in the disposal truck.

<p>PHOTOGRAPH 12</p>	
<p>DATE August 10, 2012</p>	
<p>LOCATION 701 Windsor Street Hamburg, PA</p>	
<p>PHOTOGRAPHS BY Baker</p>	

Comments: Hazardous waste disposal truck (Maumee Express).

FORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number NOT REQUIRED	2. Page 1 of 2	3. Emergency Response Phone (410) 368-9170	4. Manifest Tracking Number 009587259 JJK
	Generator's Name and Mailing Address HAMBURG AREA HIGH SCHOOL		Generator's Site Address (if different than mailing address) SAME	

Generator's Name and Mailing Address: HAMBURG AREA HIGH SCHOOL
 701 WINDSOR STREET
 HAMBURG, PA 19526
 Generator's Phone: (610) 562-3861

Transporter 1 Company Name: CLEAN VENTURE INC. *Maumee Express, Inc*
 U.S. EPA ID Number: NJD98607380
 Transporter 2 Company Name: _____
 U.S. EPA ID Number: _____

Designated Facility Name and Site Address: CYCLE CHEM, INC.
 550 INDUSTRIAL DRIVE
 LEWISBERRY, PA 17339
 Facility's Phone: (717) 938-4700
 U.S. EPA ID Number: PAD067098822

9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
	No.	Type			D001	D007	D008
X 1. UN1993 WASTE FLAMMABLE LIQUIDS, N.O.S. (PAINTS / THINNERS) 3 PG II <i>(Not Shipped)</i> ERG# 120	0		0				
2. NON DOT / NON RCRA REGULATED SOLIDS	001	DF	80	P	NONE		
X 3. UN1479 WASTE OXIDIZING SOLID, N.O.S. (D001 D007 D008) 5.1 PG II ERG# 140	001	DF	60	P	D001	D007	D008
X 4. UN3288 WASTE TOXIC SOLID, INORGANIC, N.O.S. (P012 P120 U072 U210 U218 D004) 6.1 PG II ERG# 150	001	DF	30	P	P012	P120	U072
					U210	U218	D004

Special Handling Instructions and Additional Information: 720048/GRE/545749/82073 (1)UIK-C FLAMMABLE LOOSE PACK (2)AC-D N ON HAZARDOUS SOLIDS - LOOSE PACK (3)STOL/R-4 1 (4)VRA6/R-5 2

GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Officer's Printed/Typed Name: MARK FRETZ
 Signature: *[Signature]*
 Month Day Year: 08 10 12

International Shipments: Import to U.S. Export from U.S.
 Port of entry/exit: _____
 Date leaving U.S.: _____

Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Greg Gale
 Signature: *[Signature]*
 Month Day Year: 08 10 12

Transporter 2 Printed/Typed Name: _____
 Signature: _____
 Month Day Year: _____

Discrepancy: Quantity Type Residue Partial Rejection Full Rejection

Manifest Reference Number: _____

Alternate Facility (or Generator): _____
 U.S. EPA ID Number: _____

Facility's Phone: _____
 Signature of Alternate Facility (or Generator): _____
 Month Day Year: _____

Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1. H141	2. _____	3. H141	4. H141
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Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
 Printed/Typed Name: _____
 Signature: _____
 Month Day Year: _____

HAZARDOUS WASTE MANIFEST (Continuation Sheet)	21. Generator ID Number PA009422901 <i>NOT REQUIRED</i>	22. Page 2 of 2	23. Manifest Tracking Number 009587259JJK
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Generator's Name **HAMBURG AREA HIGH SCHOOL**
21 WINDSOR STREET
HAMBURG, PA 19526

Transporter _____ Company Name _____ U.S. EPA ID Number _____
 Transporter _____ Company Name _____ U.S. EPA ID Number _____

27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers		29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes		
	No.	Type					
(1) UN1759 WASTE CORROSIVE SOLIDS, N.O.S. (D005) 8 PG II ERG# 154	001	DF	6	P	D005		
(2) UN3264 WASTE CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (U122 D002 D007) 8 PG II ERG# 154	001	DF	20	P	U122	D002	D007
(3) UN2813 WASTE WATER-REACTIVE SOLID, N.O.S. (D001 D003) 4.3 PG II ERG# 138	001	DF	15	P	D001	D003	
(4) UN2025 WASTE MERCURY COMPOUNDS, SOLID, N.O.S. (D009) 6.1 PG II <i>Not Shipped</i> ERG# 151	000	DF	10	P	D009		
(5) UN2809 WASTE MERCURY 8 PG III ERG# 172	001	DF	2	P	D009		
(6) UN3265 WASTE CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (U123 D002) 8 PG II <i>Not Shipped</i> ERG# 153	0		0		U123	D002	
(7) UN1325 WASTE FLAMMABLE SOLIDS, ORGANIC, N.O.S. (U165 D001) 4.1 PG II ERG# 133	001	DF	6	P	U165	D001	
(8) UN1131 WASTE CARBON DISULFIDE 3 (6.1) PG I <i>Not Shipped</i> ERG# 131	0		0		P022	D001	
(9) UN1744 WASTE BROMINE POISON-INHALATION HAZARD ZONE A 8 (6.1) PG I <i>Not Shipped</i> ERG# 154	0		0		D002		
(10) UN3106 WASTE ORGANIC PEROXIDE TYPE D, SOLID 5.2 PG II <i>Not Shipped</i> ERG# 145	001	DF	1	P	D001	D003	

Special Handling Instructions and Additional Information **720048/GRE/545749/82073 (1)AB-6 3 (2)UV1-7 4 (3)CCEDMW-8 5 (4)THG-9 6 (5)MD-10 7 (6)UOA-11 8 (7)VRA4-12 9 (8)VRA38B-13 10 (9)PIH-14 11 (10)RPX-17 12**

Transporter _____ Acknowledgment of Receipt of Materials
 Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____

Transporter _____ Acknowledgment of Receipt of Materials
 Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____

Discrepancy _____

Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)				
H141	H141	H141	H141	H141
H141	H141	H141	H141	H141

1395787

DISPOSAL CODE: _____ LAB CODE: _____

GENERATOR: Hamburg Area High School
701 Windsor Street
Hamburg, PA 19526D.O.T. PROPER SHIPPING NAME: Waste Oxidizing Solid, NOSHAZARD CLASS: 5.1 PG IIE.P.A. WASTE TYPE CODE: D001, D007 UN/NA: UN1479

EPA ID NO.: _____

MANIFEST NO.: _____

DRUM NO.: 1 CONTAINER: 15DFPAGE 1 OF 1 DATE _____

QUANTITY	DESCRIPTION OF MATERIAL	
4 x 1 ^g	Aluminum Nitrate	""
1 x 1 ^g	Ammonium Chromate	D007
1 x 1 ^g	Barium Nitrate	
1 x 1 ^g	Barium Peroxide	
2 x 1 ^g	Bismuth Nitrate	"
4 x 1 ^g	Cobalt Nitrate	""
3 x 1 ^g	Copper Nitrate	""
2 x 1 ^g	Ferric Nitrate	"
1 x 1 ^g	lead Chromate	D008
1 x 1 ^g	lead Peroxide	
1 x 5 ^g	Manganese dioxide	
1 x 5 ^g	Potassium Chlorate	
5 x 1 ^g	Potassium Chromate	"" D007
1 x 1 ^g	Potassium Chlorate	
2 x 1 ^g	Sodium Dichromate	"
1 x 1 ^g	Sodium Chlorate	
1 x 1 ^g	Sodium Nitrite	
2 x 1 ^g	Zinc Nitrate	"

TOTAL WEIGHT: _____

GENERATOR: Hamburg Area High School
701 Windsor Street
Hamburg, PA 19526

EPA ID NO.: _____

MANIFEST NO.: _____

DRUM NO.: 2 CONTAINER: 15DF

DISPOSAL CODE: _____ LAB CODE: _____

D.O.T. PROPER SHIPPING NAME: Waste Toxic Solid, Inorganic, No

HAZARD CLASS: 6.1 PG II

E.P.A. WASTE TYPE CODE: D004, D007 UN/NA: UN 3288

PAGE 1 OF 1 DATE _____

QUANTITY	DESCRIPTION OF MATERIAL	
1 x 1 ^{lb}	Ammonium Thiocyanate	
1 x 1 ^{lb}	Chromium Oxide	D007
1 x 1/2 ^{lb}	Arsenic Trioxide	D004
1 x 1/4 ^{gal}	Antimony Powder/mesh	
1 x 5 ^{lb}	Barium Chloride	
1 x 1/4 ^{lb}	Cadmium Chloride	D006
1 x 1/2gal	Carbon Tetrachloride	U210
1 x 1 ^{lb}	Chromium Acetate	
1 x 1 ^{lb}	Chromium Trioxide	
2 x 1/4 ^{lb}	Potassium Ferricyanide	"
1 x 1 ^{lb}	Lead Carbonate	D008
2 x 1 ^{lb}	Maleic Acid	"
3 x 1 ^{lb}	p Dichlorobenzene	U072
1 x 1 ^{lb}	Phenol	U198
1 x 1 ^{lb}	Phthalic Anhydride	U190
1 x 1 ^{lb}	Potassium Ferricyanide	
1 x 1 ^{lb}	Potassium Fluoride	
1 x 1oz	Silver Chloride	D011
2 x 1/4 ^{lb}	Thioacetamide	U218
1 x 1/4 ^{lb}	Vanadium pentoxide	

TOTAL WEIGHT: _____

Cycle Chem, Inc

550 Industrial Drive Lewisberry PA 17339 PHONE: 717-938-4700, FAX:
717-938-3301

Land Disposal Restriction Notification and Certification Form

Generator: HAMBURG AREA HIGH SCHOOL
EPAID: NOT REQUIRED

Manifest Tracking Number: 82073
Manifest Document Number: 009587259JJK

The EPA hazardous wastes identified below must be treated to the applicable treatment standards Set forth In 40 CFR 268.40.

EPA Waste Code Information


Manifest Line	Waste-water?	EPA Codes
Page 1 Line 1	No	D001 (High TOC ignitable liquids subcategory)
Page 1 Line 2	No	RCRA non-hazardous
Page 1 Line 3	No	D001 (Ignitable characteristic wastes subcategory , other than high TOC ignitable liquids), D007, D008 (Lead non-battery subcategory)
Page 1 Line 4	No	D004, D005, D006 (Cadmium non-battery subcategory), D007, D019, D027, P012, P120, U072, U210, U218
Page 2 Line 1	No	D005
Page 2 Line 2	No	D002, D007, U122
Page 2 Line 3	No	D001 (Ignitable characteristic wastes subcategory , other than high TOC ignitable liquids), D003 (Water reactive subcategory)
Page 2 Line 4	No	D009 (Low mercury [<260PPM total mercury] subcategory)
Page 2 Line 5	No	D009 (Low mercury [<260PPM total mercury] subcategory)
Page 2 Line 6	No	D002, U123
Page 2 Line 7	No	D001 (Ignitable characteristic wastes subcategory , other than high TOC ignitable liquids), U165
Page 2 Line 8	No	D001 (High TOC ignitable liquids subcategory), P022
Page 2 Line 9	No	D002
Page 2 Line 10	No	D001 (Ignitable characteristic wastes subcategory , other than high TOC ignitable liquids), D003 (Other reactive subcategory)
Page 3 Line 1	No	D001 (High TOC ignitable liquids subcategory), D002
Page 3 Line 2	No	D001 (High TOC ignitable liquids subcategory), U008

Underlying Hazardous Constituents

(None present unless identified below.)

Manifest Line	Constituents
---------------	--------------

I certify that all information submitted On this Land Disposal Restriction and Certification Form is accurate and complete, to the best of my knowledge and information.

Signature: 

Name: Mark Fretz

Title: Facilities Director

Date: 8-10-11

Baker

Michael Baker Jr., Inc.
ATTACHMENT K

Iroquois Junior-Senior High School



**2012 Chemical Cleanout
Iroquois Junior/Senior High School
Work Log
August 15, 2012**

- 09:30-10:00 Michael Arthur (MA), representative of Michael Baker Jr., Inc. (Baker), John Morsberger (JM), representative of Green Industries (GI), the disposal contractor, and CleanVenture/Cycle Chem (CVCC), the waste hauler, traveled from Central Tech Career and Technical School to Iroquois Junior/Senior High School, located in Lawrence Park Township, PA.
- 10:10 MA and JM met with Joshua Frischolz (JF), Chemistry Instructor for the school, discussed the project, and proceeded to Room 108's Storage Room where all of chemicals were located. JS stated that the surplus chemicals for disposal had not been separated from the needed chemicals. JF began separation of the surplus chemicals for disposal from the needed chemicals.
- 10:15 As JF separated the chemicals for disposal and set them aside, GI moved the chemicals for disposal into Room 108 for segregation procedures.
- GI began segregating the chemicals for disposal, began chemical inventory/record keeping, and placed segregated chemicals into properly labeled disposal containers.
- 11:00 JF continued to separate chemicals as GI continued to move and segregate chemicals.
- 11:15 JF continued separating chemicals as GI continued moving, segregating chemicals, and placing of the segregated chemicals into properly labeled disposal containers.
- 11:30 JF completed separation of the chemicals.
- GI completed segregating chemicals and placing segregated chemicals into properly labeled disposal containers.
- GI transported the disposal containers to the waste hauler truck.
- CVCC began loading the waste hauler truck with the disposal containers.
- 11:45 CVCC finished loading the waste hauler truck with the disposal containers.
- JF signed waste manifests and was given documentation of chemical disposal for school records.
- 12:00 MA conducted a visual inspection of the site to confirm proper clean up and that the area worked in by GI and CVCC was left free of any sign of the chemical disposal process.
- Baker, GI, and CVCC departed the work site.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Iroquois Junior/Senior High School – Chemical Cleanout Project

PHOTOGRAPH

1

DATE

August 15, 2012

LOCATION

4301 Main Street
Erie, PA

PHOTOGRAPHS
BY

Baker



Comments: Room 108's Storage Room where surplus and needed chemicals were located at Iroquois Junior/Senior High School.

PHOTOGRAPH

2

DATE

August 10, 2012

LOCATION

4301 Main Street
Erie, PA

PHOTOGRAPHS
BY

Baker



Comments: Josh Frischolz, Chemistry Teacher for Iroquois Junior/Senior High School, separating surplus chemicals for disposal from needed chemicals.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Iroquois Junior/Senior High School – Chemical Cleanout Project

PHOTOGRAPH 3
DATE August 10, 2012
LOCATION 4301 Main Street Erie, PA
PHOTOGRAPHS BY Baker



Comments: Disposal contractor (Green Industries) loading a 5-gallon disposal container with flammable liquids.

PHOTOGRAPH 4
DATE August 10, 2012
LOCATION 4301 Main Street Erie, PA
PHOTOGRAPHS BY Baker



Comments: Waste hauler (CleanVenture/Cycle Chem) transporting disposal containers into the disposal truck.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

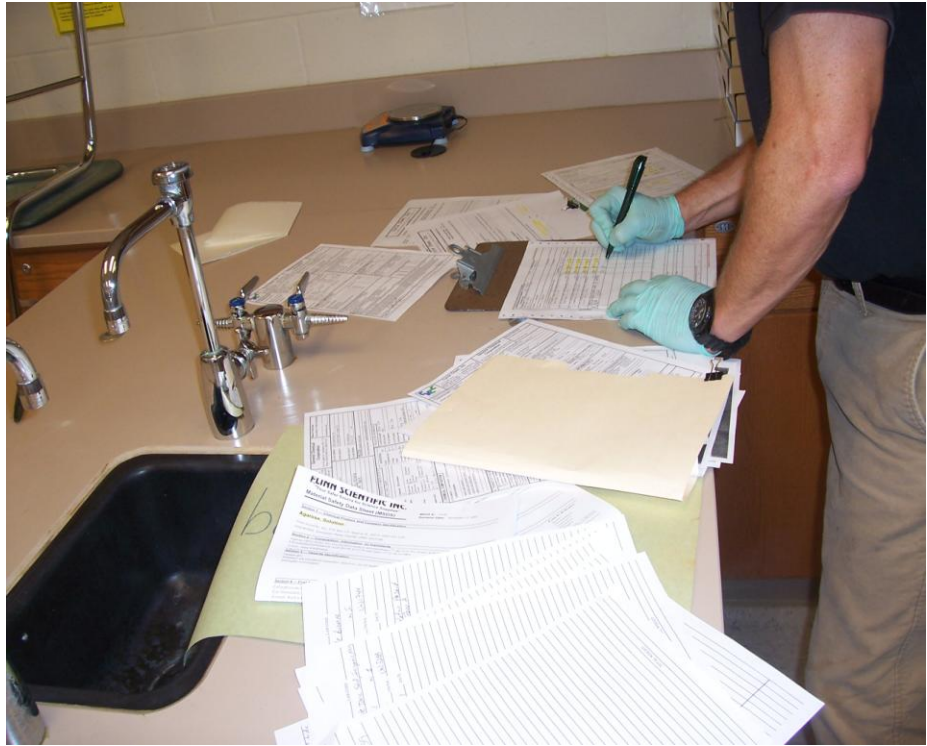
SITE NAME: Iroquois Junior/Senior High School – Chemical Cleanout Project

PHOTOGRAPH
5

DATE
August 10, 2012

LOCATION
**4301 Main Street
Erie, PA**

PHOTOGRAPHS
BY
Baker



Comments: Disposal contractor (Green Industries) doing inventory and record keeping of chemicals for disposal.

PHOTOGRAPH
6

DATE
August 10, 2012

LOCATION
**4301 Main Street
Erie, PA**

PHOTOGRAPHS
BY
Baker



Comments: Waste hauler (CleanVenture / Cycle Chem) segregating hazardous waste containers in the disposal truck.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Iroquois Junior/Senior High School – Chemical Cleanout Project

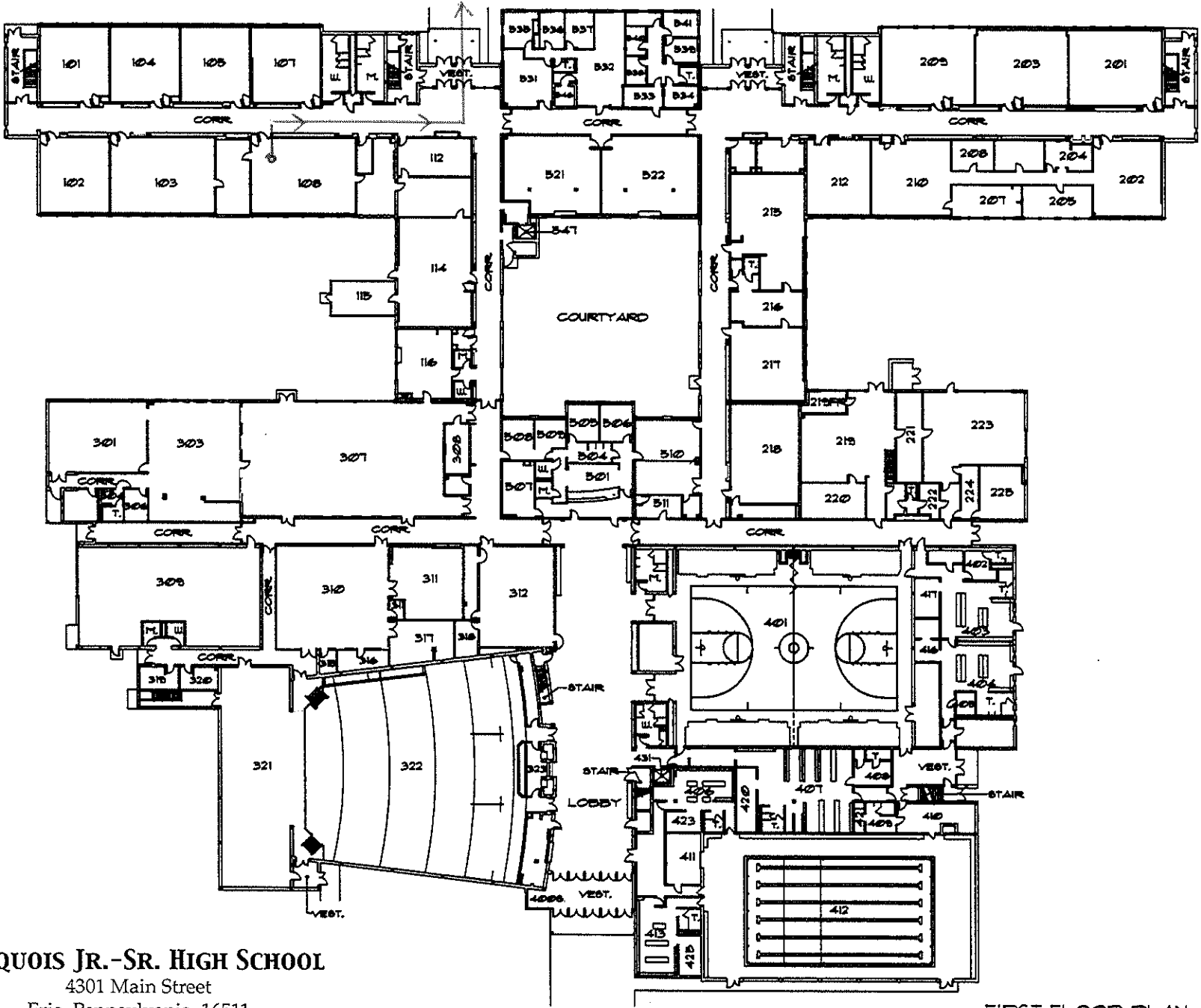
PHOTOGRAPH 7	
DATE August 10, 2012	
LOCATION 4301 Main Street Erie, PA	
PHOTOGRAPHS BY Baker	

Comments: Hazardous waste disposal truck (CleanVenture / Cycle Chem).

PHOTOGRAPH 8	
DATE August 10, 2012	
LOCATION 4301 Main Street Erie, PA	
PHOTOGRAPHS BY Baker	

Comments: Hazardous waste disposal truck (CleanVenture / Cycle Chem).

↖ Loading Area



IROQUOIS JR.-SR. HIGH SCHOOL
4301 Main Street
Erie, Pennsylvania 16511

FIRST FLOOR PLAN
RENOVATION 2002

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number <i>NOT REQUIRED</i>	2. Page 1 of <i>2</i>	3. Emergency Response Phone <i>(412) 764-5173</i>	4. Manifest Tracking Number 009587254 JJK	
5. Generator's Name and Mailing Address <i>INDIANA JR/SR HIGH SCHOOL</i> 4301 MAIN STREET ERIC, PA 16511				Generator's Site Address (if different than mailing address) <i>SAME</i>		
Generator's Phone: <i>(814) 892-7643</i>				U.S. EPA ID Number		
6. Transporter 1 Company Name <i>CLEAN VENTURE INC.</i>				U.S. EPA ID Number <i>PA00070627193</i>		
7. Transporter 2 Company Name				U.S. EPA ID Number		
8. Designated Facility Name and Site Address <i>CYCLE CHEM, INC.</i> 552 INDUSTRIAL DRIVE LEWISBERRY, PA 17329				U.S. EPA ID Number <i>PA000700022</i>		
Facility's Phone: <i>(717) 938-4700</i>						
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit WL/Vol.	13. Waste Codes
		No.	Type			
X ¹	UN1993 WASTE FLAMMABLE LIQUIDS, N. O. S. (PRINTS / THINNERS) 3 PG II <i>ERG# 12</i>	001	DF	60	P	D001
	2. NON DOT / NON RCRA REGULATED SOLIDS <i>(Not Shipped)</i>	0		0		NONE
X ³	UN3264 WASTE CORROSIVE LIQUID, ACIDIC, INORGANIC, N. O. S. (D002) 8 PG II <i>ERG# 15</i>	001	DF	20	P	D002 D003
X ⁴	UN1744 WASTE BROMINE POISON-INHALATION HAZARD ZONE A B (6.1) PG I <i>ERG# 15</i>	001	DF	10	P	D002
14. Special Handling Instructions and Additional Information <i>720027/GRE/545742/82067 (1)UIK-B FLAMMABLE LOOSE PACK (2)AC-C IN HAZARDOUS SOLIDS - LOOSE PACK (3)UV1-4 1 (4)PIH-5 2</i>						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is <i>yes</i> .						
Generator's/Officer's Printed/Typed Name <i>JOSHUA L FRISCHALZ</i>				Signature <i>[Signature]</i>		Month Day Year <i>8 15 12</i>
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____						
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name <i>Robert String</i>				Signature <i>[Signature]</i>		Month Day Year <i>08 15 12</i>
Transporter 2 Printed/Typed Name				Signature		Month Day Year
18. Discrepancy						
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
Manifest Reference Number: _____						
18b. Alternate Facility (or Generator)				U.S. EPA ID Number		
Facility's Phone: _____						
18c. Signature of Alternate Facility (or Generator)						Month Day Year
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
1. <i>H141</i>		2.		3. <i>H141</i>		4. <i>H141</i>
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a						
Printed/Typed Name				Signature		Month Day Year

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator ID Number NOT REQUIRED	22. Page 2 of 7	23. Manifest Tracking Number 009507254JJK				
24. Generator's Name INDIANA JEWEL HIGH SCHOOL 4301 MAIN STREET ERIE, PA 16511								
25. Transporter _____ Company Name				U.S. EPA ID Number				
26. Transporter _____ Company Name				U.S. EPA ID Number				
27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers		29. Total Quantity	30. Unit Wt/Vol.	31. Waste Codes		
		No.	Type			D001	D003	
X	(1) UN2813 WASTE WATER-REACTIVE SOLID, N.O.S. (D001 D003) 4.3 PG II ERG# 138	001	DF	2	P			
X	(2) UN1479 WASTE OXIDIZING SOLID, N.O.S. (D001 D006) 5.1 PG II ERG# 140	001	DF	2	P			
X	(3) UN2734 WASTE AMINES, LIQUID, CORROSIVE, FLAMMABLE, N.O.S. (D001 D002) 8 (3) PG II ERG# 132	001	DF	10	P			
X	(4) UN3288 WASTE TOXIC SOLID, INORGANIC, N.O.S. (U100) 6.1 PG II ERG# 151	001	DF	2	P			
X	(5) Corrosive Solids, N.O.S., 8, UN1759, PG III (LP-8)	001	DF	10	P			N/A
X	(6) UN3265 Waste Corrosive Liquid, Acidic, Organic, N.O.S., 8, PG II (LP-7)	001	DF	1	P			D002
32. Special Handling Instructions and Additional Information 720027/GR/545742/02067 (1) DWA-6 3 (2) STUL-7 4 (3) UAF-8 5 (4) V RAG-9 6								
33. Transporter Acknowledgment of Receipt of Materials Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____								
34. Transporter Acknowledgment of Receipt of Materials Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____								
35. Discrepancy								
36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) H141 H141 H141 H141								

GENERATOR

TRANSPORTER

DESIGNATED FACILITY

Cycle Chem, Inc

550 Industrial Drive Lewisberry PA 17339 PHONE: 717-938-4700, FAX:
717-938-3301

Land Disposal Restriction Notification and Certification Form

Generator: IROQUOIS JR/SR HIGH SCHOOL
EPAID: NOT REQUIRED

Manifest Tracking Number: 82067
Manifest Document Number: 009587254JJK

The EPA hazardous wastes identified below must be treated to the applicable treatment standards Set forth In 40 CFR 268.40.

EPA Waste Code Information

Manifest Line	Waste-water?	EPA Codes
Page 1 Line 1	No	D001 (High TOC ignitable liquids subcategory)
Page 1 Line 2	No	RCRA non-hazardous
Page 1 Line 3	No	D002
Page 1 Line 4	No	D002
Page 2 Line 1	No	D001 (Ignitable characteristic wastes subcategory , other than high TOC ignitable liquids), D003 (Water reactive subcategory)
Page 2 Line 2	No	D001 (Ignitable characteristic wastes subcategory , other than high TOC ignitable liquids), D006 (Cadmium non-battery subcategory)
Page 2 Line 3	No	D001 (High TOC ignitable liquids subcategory), D002
Page 2 Line 4	No	U188

Underlying Hazardous Constituents

(None present unless identified below.)

Manifest Line	Constituents
---------------	--------------

I certify that all information submitted On this Land Disposal Restriction and Certification Form is accurate and complete, to the best of my knowledge and information.

Signature: _____



Name: _____

JOSHUA L FRISCHOLZ

Title: _____

ISD CHEMISTRY INSTRUCTOR

Date: _____

8/15/12

Baker

Michael Baker Jr., Inc.
ATTACHMENT L

Line Mountain Senior High School



**2012 Chemical Cleanout
Line Mountain Senior High School
Work Log
August 1 and 2, 2012**

8/1
08:00 Michael Arthur (MA), representative of Michael Baker Jr., Inc. (Baker), and John Morsberger (JM), representative of Green Industries (GI), the disposal contractor, traveled to Line Mountain Senior High School, located in Lower Mahanoy, PA.

MA and JM met with Tim Lagerman (TL), Director of Operations and Maintenance at the school, discussed the project, and proceeded to Room 214 and Room 214's Storage Closet where the surplus chemicals for disposal were previously placed by Line Mountain Senior High School personnel. TL identified and confirmed which of the chemicals present in Room 214 and Room 214's Storage Closet were for disposal.

09:00 GI began segregating the chemicals for disposal.

09:10 GI completed chemical segregation, began chemical inventory/record keeping, and placed segregated chemicals into properly labeled disposal containers.

10:00 GI completed placement of the segregated chemicals into properly labeled disposal containers.

Disposal containers were left in Room 214 for overnight storage as CleanVenture/Cycle Chem (CVCC), the waste hauler, was due the next day, 8/2/12 for removal of the disposal containers.

MA conducted a visual inspection of the site to confirm proper clean-up.

Baker and GI departed the work site.

8/2
07:45 Baker and CVCC arrive at Line Mountain Senior High School

CVCC began transporting the disposal containers from Room 214 into the waste hauler truck.

08:15 CVCC completed loading the truck with the disposal containers.

TL signed waste manifests and was given documentation of chemical disposal for school records.

MA conducted a visual inspection of the site to confirm proper clean up and that the area worked in by GI and CVCC was left free of any sign of the chemical disposal process.

Baker and CVCC departed the work site.

8/23
TL contacted Gary Case (GC), Project Manager for Baker. TL stated that some of the chemicals assigned for disposal were still at the school in Room 214's Storage Closet flammable cabinet.

GC contacted JM via phone to inform him of this oversight.

JM requested a list of the chemicals left at the school.


**2012 Chemical Cleanout
Line Mountain Senior High School
Work Log
August 1 and 2, 2012**

- 8/24** GC E-mailed the request for the names and number of the chemicals left at the school to TL.
- 8/27** TL E-mailed the list and number of chemicals to GC.
- 8/28** GC E-mailed the list and number of chemicals to JM. JM stated he would pick up the chemicals on September 6th.

GC notified Kevin Beer (PADEP) that chemicals for disposal had been left behind at Line Mountain High School and that GI and Baker would return to the school to pick up the chemicals on Sept. 6. Kevin informed GC that he would be at the school on Sept 6 to provide oversight and documentation of the removal of these chemicals, as he is much closer to the school than Baker.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Line Mountain Senior High School – Chemical Cleanout Project

PHOTOGRAPH 1	
DATE August 1, 2012	
LOCATION 187 Line Mountain Road Herndon, PA	
PHOTOGRAPHS BY Baker	

Comments: Room 214 where surplus chemicals were placed for disposal by Line Mountain Senior High School.

PHOTOGRAPH 2	
DATE August 1, 2012	
LOCATION 187 Line Mountain Road Herndon, PA	
PHOTOGRAPHS BY Baker	

Comments: Disposal contractor (Green Industries) separating and segregating chemicals for disposal.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Line Mountain Senior High School – Chemical Cleanout Project

PHOTOGRAPH 3	
DATE August 1, 2012	
LOCATION 187 Line Mountain Road Herndon, PA	
PHOTOGRAPHS BY Baker	

Comments: Hazardous Material label on 30-gallon disposal container.

PHOTOGRAPH 4	
DATE August 1, 2012	
LOCATION 187 Line Mountain Road Herndon, PA	
PHOTOGRAPHS BY Baker	

Comments: Oxidizers placed in a 5-gallon disposal container with a spill absorbent (vermiculite).

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Line Mountain Senior High School – Chemical Cleanout Project

PHOTOGRAPH 5	
DATE August 1, 2012	
LOCATION 187 Line Mountain Road Herndon, PA	
PHOTOGRAPHS BY Baker	


Comments: Disposal contractor (Green Industries) loading a 30-gallon disposal container with inorganic acids.

PHOTOGRAPH 6	
DATE August 2, 2012	
LOCATION 187 Line Mountain Road Herndon, PA	
PHOTOGRAPHS BY Baker	

Comments: Waste hauler (CleanVenture/Cycle Chem) transporting disposal containers to the disposal truck.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

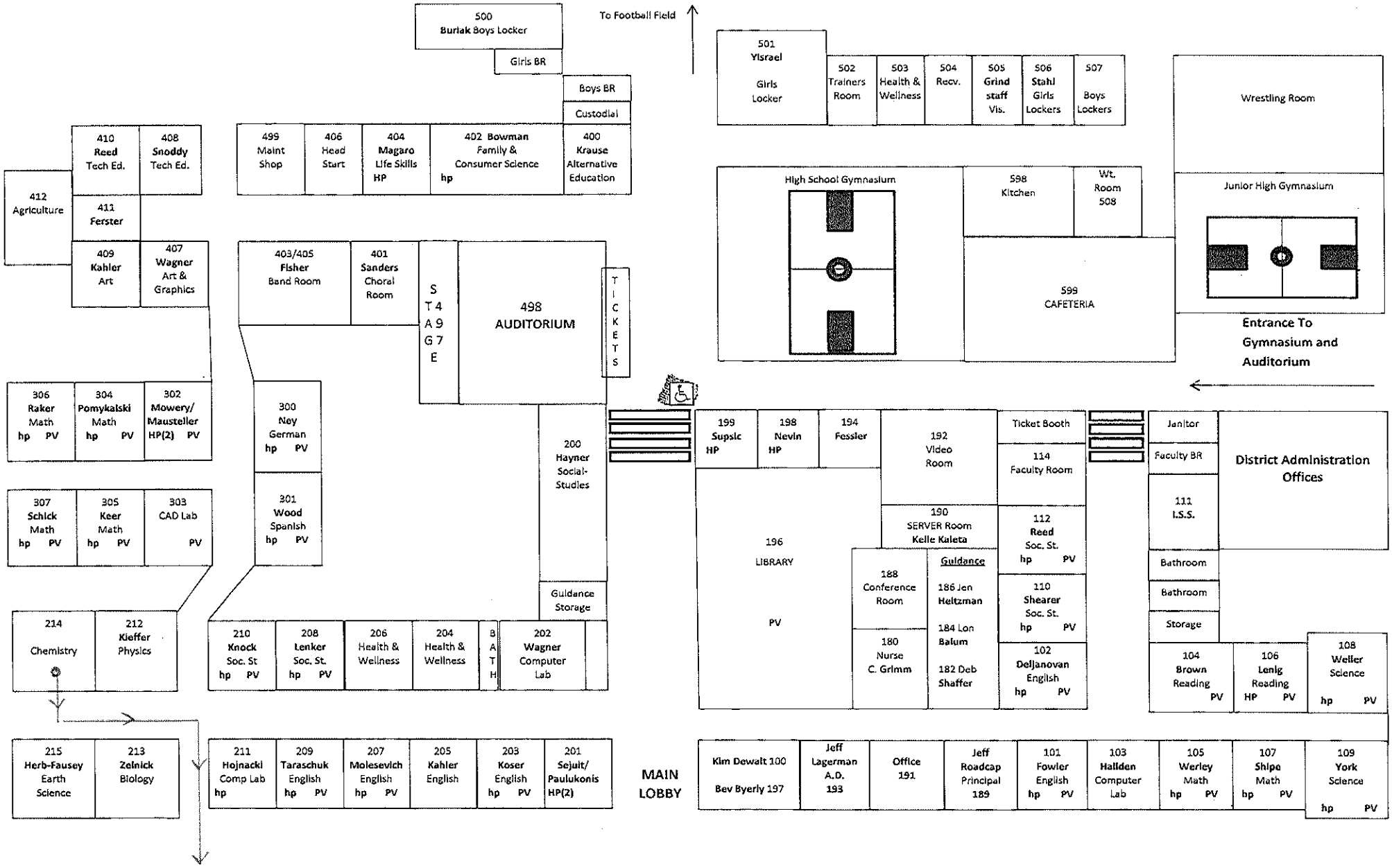
SITE NAME: Line Mountain Senior High School – Chemical Cleanout Project

PHOTOGRAPH 7	
DATE August 2, 2012	
LOCATION 187 Line Mountain Road Herndon, PA	
PHOTOGRAPHS BY Baker	

Comments: Segregated hazardous waste containers in the disposal truck.

PHOTOGRAPH 8	
DATE August 1, 2012	
LOCATION 187 Line Mountain Road Herndon, PA	
PHOTOGRAPHS BY Baker	

Comments: Hazardous waste disposal truck (CleanVenture/Cycle Chem).



To Football Field ↑



MAIN LOBBY

Loading Area →

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number PADEP0017241	2. Page 1 of 2	3. Emergency Response Phone (410) 368-9170	4. Manifest Tracking Number 009587184 JJK			
5. Generator's Name and Mailing Address LINE MOUNTAIN SENIOR HIGH 187 LINE MOUNTAIN ROAD HERNDON, PA 17830			Generator's Site Address (if different than mailing address) SAME					
Generator's Phone: 570-758-2011								
6. Transporter 1 Company Name CLEAN VENTURE INC.			U.S. EPA ID Number NJ0000027193					
7. Transporter 2 Company Name			U.S. EPA ID Number					
8. Designated Facility Name and Site Address CYCLE CHEM, INC. 550 INDUSTRIAL DRIVE LEWISBERRY, PA 17339			U.S. EPA ID Number PA0067098822					
Facility's Phone: (717) 938-4700								
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
		No.	Type					
	1. NON DOT / NON RCRA REGULATED SOLIDS <i>(Not Shipped)</i>	0		0		NONE		
X	2. UN2789 WASTE ACETIC ACID, GLACIAL OR ACETIC ACID SOLUTION, WITH MORE THAN 80 PERCENT ACID BY MASS 8 (3) PG II <i>(Not Shipped)</i>	0		0		D001	D002	
X	3. UN1479 WASTE OXIDIZING SOLID, N.O.S. (D001 D005 D007 D008) 5.1 PG II ERG# 140	001	DF	10	P	D001	D005	D007
X	4. UN3288 WASTE TOXIC SOLID, INORGANIC, N.O.S. (U072 U144 U210 D005 D006 D007) 6.1 PG II ERG# 15	001	DF	25	P	U072	U144	U210
						D005	D006	D007
14. Special Handling Instructions and Additional Information 719938/GRE/545452/81865 (1)AC-B NON HAZARDOUS SOLIDS - LOOSE PA CK (2)UGA-3 1 (3)STOL-4 2 (4)AA/R-5 3								
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.								
Generator's/Offoror's Printed/Typed Name (X) Timothy LAGERMAN			Signature <i>(X) Timothy Lagerman</i>		Month	Day	Year	
6. International Shipments <input type="checkbox"/> Import to U.S.			<input type="checkbox"/> Export from U.S.		Port of entry/Date leaving U.S.:			
17. Transporter Acknowledgment of Receipt of Materials								
Transporter 1 Printed/Typed Name			Signature		Month	Day	Year	
Transporter 2 Printed/Typed Name			Signature		Month	Day	Year	
18. Discrepancy								
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection								
Manifest Reference Number:								
18b. Alternate Facility (or Generator)			U.S. EPA ID Number					
Facility's Phone:								
18c. Signature of Alternate Facility (or Generator)					Month	Day	Year	
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)								
1.	2.	3.	4.					
	H141	H141	H141					
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a								
Printed/Typed Name			Signature		Month	Day	Year	

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator ID Number PADEP0017241	22. Page 2 of 2	23. Manifest Tracking Number 009587184JJK			
24. Generator's Name LINE MOUNTAIN SENIOR HIGH SCHOOL 187 LINE MOUNTAIN ROAD HERNDON, PA 17830							
25. Transporter _____ Company Name					U.S. EPA ID Number		
26. Transporter _____ Company Name					U.S. EPA ID Number		
27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers		29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes	
		No.	Type				
X	(1) UN1436 WASTE ZINC POWDER OR ZINC DUST 4.3 (4.2) PG II <i>(Not Shipped)</i> ERG# 138	0		0		D001	D003
X	(2) UN1744 WASTE BROMINE POISON-INHALATION HAZARD ZONE A 8 (6.1) PG I <i>(Not Shipped)</i> ERG# 154	0		0		D002	
X	(3) UN1131 WASTE CARBON DISULFIDE 3 (6.1) PG I ERG# 131	001	DF	8	P	P022	D001
X	(4) UN3264 WASTE CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (U122 D002) 8 PG II ERG# 154	001	DF	40	P	U122	D002
X	(5) UN3265 WASTE CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (U123 D002) 8 PG II <i>(Not Shipped)</i> ERG# 153	0		0		U123	D002
X	(6) UN1790 WASTE HYDROFLUORIC ACID, WITH NOT MORE THAN 60 PERCENT STRENGTH 8 (6.1) PG II ERG# 157	001	DF	4	P	U134	D002
X	(7) UN2025 WASTE MERCURY COMPOUNDS, SOLID, N.O.S. (D009) 6.1 PG II ERG# 151	001	DF	6	P	D009	
X	(8) UN2031 WASTE NITRIC ACID OTHER THAN RED FUMING, WITH NOT MORE THAN 20 PERCENT NITRIC ACID 8 PG II <i>(Not Shipped)</i> ERG# 157	0		0		D002	
32. Special Handling Instructions and Additional Information 719938/GRE/545452/81865 (1)ZNDWW-6 4 (2)PIH-7 5 (3)VRA3BB-8 6 (4)UV1-9 7 (5)UOA-10 8 (6)UHF-11 9 (7)STHG-12 10 (8)UOXA-13 11							
33. Transporter _____ Acknowledgment of Receipt of Materials							
Printed/Typed Name			Signature		Month	Day	Year
34. Transporter _____ Acknowledgment of Receipt of Materials							
Printed/Typed Name			Signature		Month	Day	Year
35. Discrepancy							
36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
H141		H141		H141		H141	
H141		H141		H141		H141	

GENERATOR

TRANSPORTER

DESIGNATED FACILITY

Cycle Chem, Inc

550 Industrial Drive Lewisberry PA 17339 PHONE: 717-938-4700, FAX:
717-938-3301

Land Disposal Restriction Notification and Certification Form

Generator: LINE MOUNTAIN SENIOR HIGH
SCHOOL

Manifest Tracking Number: 81865

EPAID: PADEP0017241

Manifest Document Number: 009587184JJK

The EPA hazardous wastes identified below must be treated to the applicable treatment standards Set forth In 40 CFR 268.40.

EPA Waste Code Information

Manifest Line	Waste-water?	EPA Codes
Page 1 Line 1	No	RCRA non-hazardous
Page 1 Line 2	No	D001 (High TOC ignitable liquids subcategory), D002
Page 1 Line 3	No	D001 (Ignitable characteristic wastes subcategory , other than high TOC ignitable liquids), D005, D007, D008 (Lead non-battery subcategory)
Page 1 Line 4	No	D005, D006 (Cadmium non-battery subcategory), D007, D008 (Lead non-battery subcategory), D019, D027, U072, U144, U210
Page 2 Line 1	No	D001 (Ignitable characteristic wastes subcategory , other than high TOC ignitable liquids), D003 (Water reactive subcategory)
Page 2 Line 2	No	D002
Page 2 Line 3	No	D001 (High TOC ignitable liquids subcategory), P022
Page 2 Line 4	No	D002, U122
Page 2 Line 5	No	D002, U123
Page 2 Line 6	No	D002, U134
Page 2 Line 7	No	D009 (Low mercury [<260 PPM total mercury] subcategory)
Page 2 Line 8	No	D002

Underlying Hazardous Constituents

(None present unless identified below.)

Manifest Line	Constituents
---------------	--------------

I certify that all information submitted On this Land Disposal Restriction and Certification Form is accurate and complete, to the best of my knowledge and information.

Signature: *Timothy Lagerman*
Title: *FACILITIES DIRECTOR*

Name: *Timothy Lagerman*
Date: *8-1-12*

Baker

Michael Baker Jr., Inc.
ATTACHMENT M

Nativity BVM High School



2012 Chemical Cleanout
Nativity Blessed Virgin Mary High School
Work Log
August 7 and 8, 2012

- 8/7**
10:20-11:30 Michael Arthur (MA), representative of Michael Baker Jr., Inc. (Baker), and John Morsberger (JM), representative of Green Industries (GI), the disposal contractor, traveled from Antietam Middle-Senior High School to Nativity Blessed Virgin Mary High School, located in Pottsville, PA.
- MA and JM met with Carol Boyer (CB), Science Department Chair at the school, discussed the project, and proceeded to Room 304 where the surplus chemicals for disposal were previously placed by Nativity Blessed Virgin Mary High School personnel. CB confirmed that all of the chemicals present in Room 304 were for disposal.
- 11:45 GI began segregating the chemicals for disposal.
- 12:00 GI completed chemical segregation, began chemical inventory/record keeping, and began placement of the segregated chemicals into properly labeled disposal containers.
- 12:30 GI continued chemical inventory/record keeping and completed placement of the segregated chemicals into properly labeled disposal containers.
- 13:00 GI transported disposal containers to the overnight staging area in the Basement Storage Area.
- 14:00 MA conducted a visual inspection of the site to confirm proper clean-up.
- Baker and GI departed the work site.
- 8/8**
09:15-10:30 MA and Maumee Express Inc. (MXI), the waste hauler traveled from Antietam Middle-Senior High School to Nativity Blessed Virgin Mary High School, located in Pottsville, PA.
- MXI began transporting the disposal containers from the Basement Storage Area into the waste hauler truck.
- 11:00 MXI completed loading the truck with the disposal containers.
- CB signed waste manifests and was given documentation of chemical disposal for school records.
- MA conducted a visual inspection of the site to confirm proper clean up and that the area worked in by GI and MXI was left free of any sign of the chemical disposal process.
- Baker and MXI departed the work site.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Nativity Blessed Virgin Mary High School – Chemical Cleanout Project

PHOTOGRAPH

1

DATE

August 7, 2012

LOCATION

**1 Lawton Hill
Pottsville, PA**

PHOTOGRAPHS
BY

Baker



Comments: Room 304 where surplus chemicals were placed for disposal by Nativity Blessed Virgin Mary High School.

PHOTOGRAPH

2

DATE

August 7, 2012

LOCATION

**1 Lawton Hill
Pottsville, PA**

PHOTOGRAPHS
BY

Baker



Comments: Room 304 where surplus chemicals were placed for disposal by Nativity Blessed Virgin Mary High School.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Nativity Blessed Virgin Mary High School – Chemical Cleanout Project

PHOTOGRAPH

3

DATE

August 7, 2012

LOCATION

**1 Lawton Hill
Pottsville, PA**

PHOTOGRAPHS
BY

Baker



Comments: Disposal contractor (Green Industries) separating and segregating chemicals for disposal.

PHOTOGRAPH

4

DATE

August 7, 2012

LOCATION

**1 Lawton Hill
Pottsville, PA**

PHOTOGRAPHS
BY

Baker



Comments: Separated and segregated chemicals for disposal.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Nativity Blessed Virgin Mary High School – Chemical Cleanout Project

PHOTOGRAPH

5

DATE

August 7, 2012

LOCATION

**1 Lawton Hill
Pottsville, PA**

PHOTOGRAPHS
BY

Baker



Comments: Disposal contractor (Green Industries) loading a 55-gallon disposal container with non-hazardous chemicals.

PHOTOGRAPH

6

DATE

August 7, 2012

LOCATION

**1 Lawton Hill
Pottsville, PA**

PHOTOGRAPHS
BY

Baker



Comments: Disposal contractor (Green Industries) adding a spill absorbent (vermiculite) to a 5-gallon disposal container.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Nativity Blessed Virgin Mary High School – Chemical Cleanout Project

PHOTOGRAPH 7
DATE August 7, 2012
LOCATION 1 Lawton Hill Pottsville, PA
PHOTOGRAPHS BY Baker



Comments: Hazardous Material label on 55-gallon disposal container.

PHOTOGRAPH 8
DATE August 7, 2012
LOCATION 1 Lawton Hill Pottsville, PA
PHOTOGRAPHS BY Baker



Comments: Disposal waste containers in the overnight staging area in the Storage Room.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Nativity Blessed Virgin Mary High School – Chemical Cleanout Project

PHOTOGRAPH
9

DATE
August 8, 2012

LOCATION
**1 Lawton Hill
Pottsville, PA**

PHOTOGRAPHS
BY
Baker



Comments: Waste hauler (Maumee Express) transporting hazardous waste container to the disposal truck.

PHOTOGRAPH
10

DATE
August 8, 2012

LOCATION
**1 Lawton Hill
Pottsville, PA**

PHOTOGRAPHS
BY
Baker



Comments: Waste hauler (Maumee Express) loading disposal waste containers into the disposal truck.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Nativity Blessed Virgin Mary High School – Chemical Cleanout Project

PHOTOGRAPH
11

DATE
August 7, 2012

LOCATION
**1 Lawton Hill
Pottsville, PA**

PHOTOGRAPHS
BY
Baker



Comments: Waste hauler (Maume Express) loading and segregating disposal waste containers in the truck.

PHOTOGRAPH
12

DATE
August 7, 2012

LOCATION
**1 Lawton Hill
Pottsville, PA**

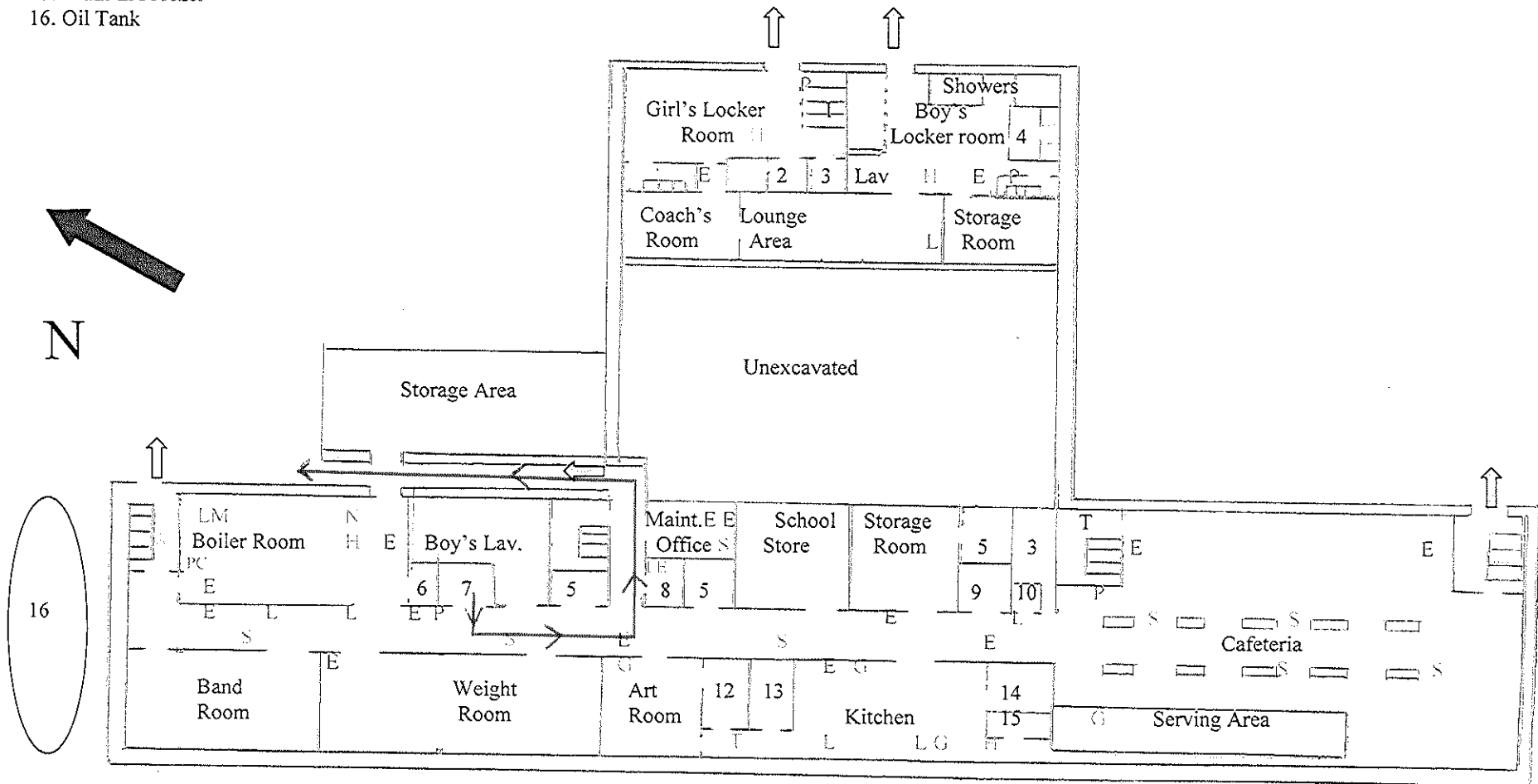
PHOTOGRAPHS
BY
Baker



Comments: Hazardous waste disposal truck (Maume Express).

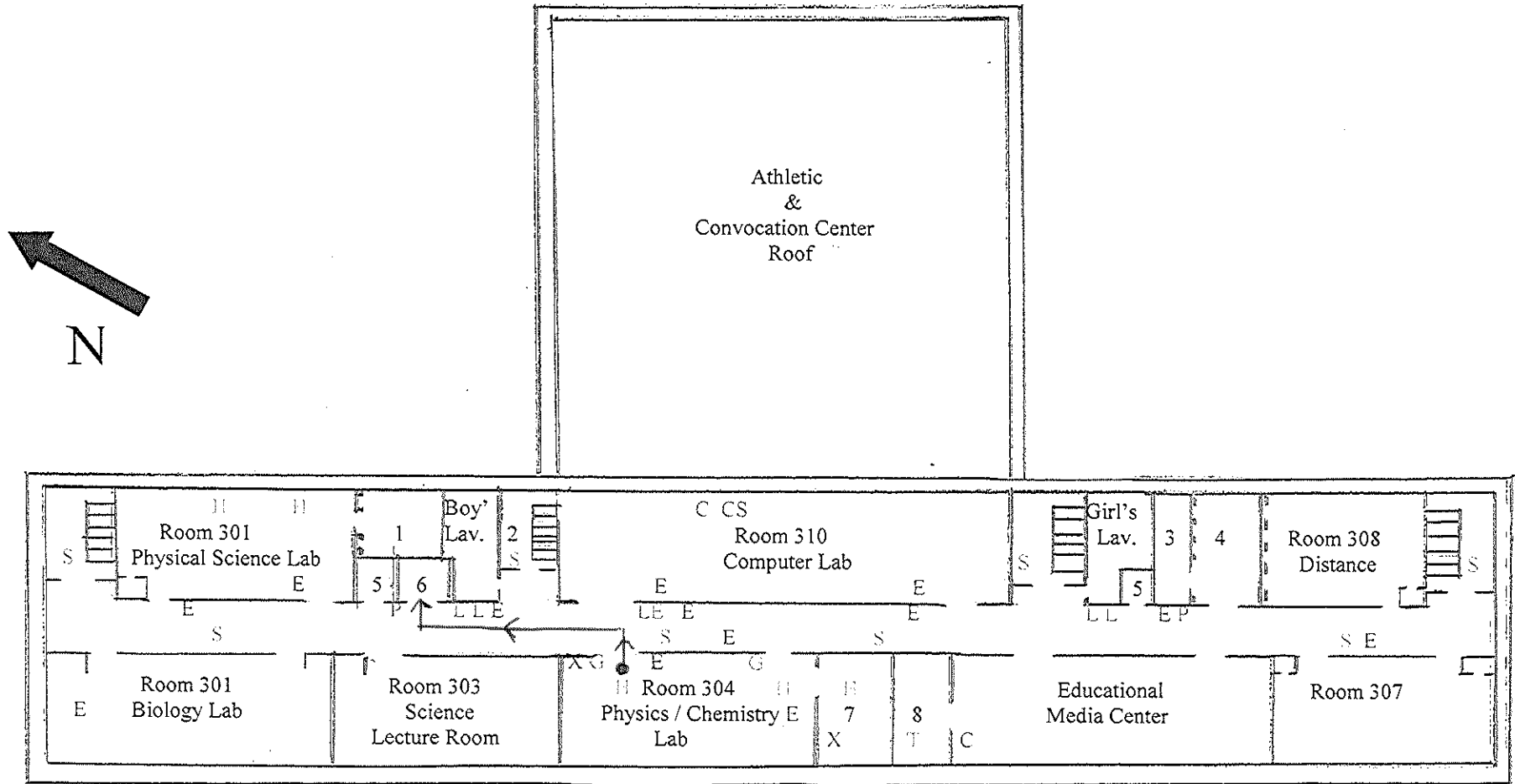
Nativity BVM High School Basement

1. Showers
2. Female Coach's Office
3. Girl's Lavatory
4. Male Coach's Office
5. Storage Area
6. Incinerator
7. Elevator
8. Auxiliary Electrical System
9. Kitchen Lavatory / Storage
10. Maintenance Closet
11. Book Storage Room
12. Faculty Kitchen
13. Food Service Stoprage
14. Dishwasher Area
15. Walk-in Freezer
16. Oil Tank



1. Physical Science Lab Storage
2. Access to Roof
3. Nextell Communications Room
4. Fund Raising Office
5. Maintenance Closet
- 6 Elevator
7. Science Lab Storage
8. Media Center Storage

Nativity BVM High School
Third Floor



UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator ID Number NOT REQUIRED	22. Page 2 of 2	23. Manifest Tracking Number 009587258JJK				
24. Generator's Name NATIVITY BLESSED VIRGIN MARY HIGH SCHOOL 1 LAWTONS HILL POTTSVILLE, PA 17301								
25. Transporter _____ Company Name				U.S. EPA ID Number				
26. Transporter _____ Company Name				U.S. EPA ID Number				
27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers		29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes		
		No.	Type					
X	(1) UN2885 WASTE MERCURY 8 PG III UN2031 WASTE Nitric Acid, 8, PG II (LP-6) ERG# 172	001	DF	15 P	P	D001	D003	
X	(2) UN1715 WASTE ACETIC ANHYDRIDE 8 (3) PG II ERG# 137	001	DF	1 P	P	D001	D002	
X	(3) UN2785 WASTE ACETIC ACID, GLACIAL OR ACETIC ACID SOLUTION, WITH MORE THAN 80 PERCENT ACID, BY MASS 8 (3) PG II ERG# 153	001	DF	15 P	P	D001	D002	
X	(4) UN3265 WASTE CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (D002) 8 PG II ERG# 153	001	DF	1 P	P	D002		
X	(5) UN1325 WASTE FLAMMABLE SOLIDS, ORGANIC, N.O.S. (D001) 4.1 PG II ERG# 133	001	DF	3 P	P	D001		
X	(6) UN1849 WASTE SODIUM SULFIDE, HYDRATED WITH NOT LESS THAN 30 PERCENT WATER 8 PG II ERG# 153	001	DF	1 P	P	D002		
X	(7) UN3288 WASTE TOXIC SOLID, INORGANIC, N.O.S. (U072 U144 U190 U210 D005 D006) 6.1 PG II ERG# 151	001	DF	35 P	P	U072	U144	U190
X	(8) UN3266 WASTE CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (D002) 8 PG II ERG# 154	001	DF	30 P	P	D002		
X	(9) UN2025 WASTE MERCURY COMPOUNDS, SOLID, N.O.S. (D009) 6.1 PG II ERG# 151	001	DF	5 P	P	D009		
X	(10) UN3264 WASTE CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (U122 D002) 8 PG II ERG# 154	001	DF	20 P	P	U122	D002	
32. Special Handling Instructions and Additional Information 720047/5RE/545748/82072 ; ERG# 132 (1)CCEDWW-6 3 (2)UQA-7 4 (3)UQA-8 5 (4)UQA-9 7 (5)VRA4-10 8 (6)VRA8B-11 9 (7)VRA6-12 10 (8)UNH-13 11 (9)STHG-14 12 (10)UQA-15 13								
TRANSPORTER	33. Transporter Acknowledgment of Receipt of Materials							
	Printed/Typed Name	Signature	Month	Day	Year			
TRANSPORTER	34. Transporter Acknowledgment of Receipt of Materials							
	Printed/Typed Name	Signature	Month	Day	Year			
DESIGNATED FACILITY	35. Discrepancy							
DESIGNATED FACILITY	36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
	H141	H141	H141	H141	H141			
H141	H141	H141	H141	H141				

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number NOT REQUIRED	2. Page 1 of 2	3. Emergency Response Phone (410) 368-9170	4. Manifest Tracking Number 009587258 JJK			
5. Generator's Name and Mailing Address NATIVITY BLESSED VIRGIN MARY 1 LAWTONS HILL POTTSVILLE, PA 17301				Generator's Site Address (if different than mailing address) SAME				
Generator's Phone: (570) 640-8037				U.S. EPA ID Number NJD 906607380				
6. Transporter 1 Company Name CLEAN VENTURE INC. Maumee Express, Inc.				U.S. EPA ID Number PA006709882				
7. Transporter 2 Company Name				U.S. EPA ID Number				
8. Designated Facility Name and Site Address CYCLE CHEM, INC. 550 INDUSTRIAL DRIVE LEWISBERRY, PA 17339				U.S. EPA ID Number PA006709882				
Facility's Phone: (717) 938-4700								
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
		No.	Type					
X 1	UN1993 WASTE FLAMMABLE LIQUIDS, N.O.S. (PAINTS / THINNERS) 3 PG II ERG# 120	003	DF	60	P	D001		
	2. NON DOT / NON RCRA REGULATED SOLIDS	005	DF	400	P	NONE		
X 3	UN1436 WASTE ZINC POWDER OR ZINC DUST UN 2813 Waste Water Reactiv, Solid, NOS, 4.3, PG II ERG# 130	001	DF	4	P	D001	D003	
X 4	UN1479 WASTE OXIDIZING SOLID, N.O.S. (D001 D005 D006 D007 D008) 5.1 PG II ERG# 140	001	DF	70	P	D001	D005	D006
14. Special Handling Instructions and Additional Information 720047/GRE/545748/82072 (1)UIK-C FLAMMABLE LOOSE PACK (2)AC-D 1 ON HAZARDOUS SOLIDS - LOOSE PACK (3)ZNDWW-4 1 (4)STOLC-5 2								
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.								
Generator's/Offor's Printed/Typed Name Carol A. Boyer				Signature Carol A. Boyer		Month Day Year		
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____								
17. Transporter Acknowledgment of Receipt of Materials								
Transporter 1 Printed/Typed Name				Signature		Month Day Year		
Transporter 2 Printed/Typed Name				Signature		Month Day Year		
18. Discrepancy								
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection								
Manifest Reference Number: _____								
18b. Alternate Facility (or Generator)				U.S. EPA ID Number				
Facility's Phone: _____								
18c. Signature of Alternate Facility (or Generator)						Month Day Year		
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)								
1. H141		2.		3. H141		4. H141		
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a								
Printed/Typed Name				Signature		Month Day Year		

GENERATOR

INTL

TRANSPORTER

DESIGNATED FACILITY

GENERATOR:

Nativity BVM High School
1 Lawtons Hill
Pottsville, PA 17301

EPA ID NO.:

MANIFEST NO.:

DRUM NO.:

CONTAINER:

9 50F

DISPOSAL CODE:

LAB CODE:

D.O.T. PROPER SHIPPING NAME:

Waste Sodium Sulfide

HAZARD CLASS:

3

PG II

Hydrated

E.P.A. WASTE TYPE CODE:

D002

UN/NA:

UN1849

PAGE

1

OF

1

DATE

QUANTITY

DESCRIPTION OF MATERIAL

1 x 1" 11

Sodium Sulfide, hydrate

TOTAL WEIGHT:

GENERATOR:

Nativity BVM High School
 1 Lawtons Hill
 Pottsville, PA 17301

EPA ID NO.:

MANIFEST NO.:

DRUM NO.:

10 CONTAINER: ~~150DF~~

DISPOSAL CODE:

LAB CODE:

D.O.T. PROPER SHIPPING NAME:

Waste Toxic Solid, Inorganic, NOS

HAZARD CLASS:

6.1 PG II

E.P.A. WASTE

TYPE CODE:

D006, D008, U144, U210, D005

D011, U072

UN/NA:

UN3280

PAGE

1

OF

1

DATE

QUANTITY	DESCRIPTION OF MATERIAL
1 x 1#	Sodium Thiocyanate
2 x 1#	Sodium Fluoride "
3 x 02	Silver Chloride " " D011
3 x 1#	Potassium Thiocyanate " "
2 x 1#	Potassium Ferricyanide "
1 x 1#	Potassium Acid phthalate
1 x 1#	Phthalic Anhydride
3 x 1#	p-Dichlorobenzene " " U072
3 x 1#	Lead Chloride " " D008
2 x 1#	Lead Acetate " " U144
2 x 1#	Chromium Sulfate "
1 x 1#	Chromium Chloride
1 x 07	Carbon Tetrachloride " " U210
1 x 5#	Calcium Fluoride
1 x 1#	Cadmium Chloride " " D006
1 x 1#	Barium Chloride " " D005
1 x 1#	Barium Sulfate
2 x 1#	Antimony potassium tartar " "
1 x 1#	Antimony metal
2 x 1#	Ammonium Thiocyanate " "
1 x 07	Chlorotrifluoroethane
1 x 1#	p-Dichlorobenzene
1 x 07	Phenol " " U166
TOTAL WEIGHT:	

GENERATOR:

Nativity BVM High School
 1 Lawtons Hill
 Pottsville, PA 17301

EPA ID NO.:

MANIFEST NO.:

DRUM NO.:

CONTAINER:

2 30 DF

DISPOSAL CODE:

LAB CODE:

D.O.T. PROPER SHIPPING NAME:

Waste Oxidizing Solid, NOS

HAZARD CLASS:

5.1 PG II

E.P.A. WASTE TYPE CODE:

D008, D007

UN/NA:

VN1479

PAGE

OF

DATE

QUANTITY	DESCRIPTION OF MATERIAL
1 x 1 ^{lb}	Strontium Nitrate
3 x 1/2 ^{pt}	Sodium Chromate " " D007 1 x 1 ^{lb} Aluminium Nitrate
1 x 5 [#]	Sodium Chlorate 1 x 1 ^{lb} Sodium Hypochlorite
2 x 1 ^{lb}	Sodium Chlorate "
3 x 1 ^{pt}	Silver Nitrate " " D011
10 x 1 [#]	Potassium permanganate " " 10
3 x 1 ^{lb}	Potassium Nitrate " " "
1 x 1 ^{lb}	Potassium Iodate
1 x 5 [#]	Potassium Dichromate
1 x 1 ^{lb}	Potassium Chromate D007
1 x 1 ^{lb}	Potassium Chlorate
1 x 1 ^{lb}	Nickel Nitrate
1 x 1 ^{lb}	Manganese Nitrate
3 x 1 ^{pt}	Manganese Dioxide " " "
3 x 1 ^{lb}	Magnesium Nitrate " " "
1 x 1 ^{pt}	Lithium Nitrate " " "
2 x 5 [#]	Lead Dioxide " " D008
1 x 1 ^{pt}	Lead Chromate
1 x 1 ^{pt}	Lead Nitrate
3 x 1 ^{lb}	Ferric Nitrate
3 x 1 ^{lb}	Copper Nitrate " " "
1 x 1/2 ^{pt}	Cobalt Nitrate
1 x 1 ^{lb}	Chromium Nitrate D007
1 x 5 [#]	Calcium Nitrate
1 x 5 [#]	Calcium Hypochlorite
1 x 1 ^{lb}	Cadmium Nitrate D006
1 x 1 ^{pt}	Bismuth Nitrate
1 x 1 ^{pt}	Barium Peroxide
1 x 1 ^{pt}	Ammonium persulfate
1 x 1 ^{pt}	Ammonium Nitrate
1 x 1 ^{pt}	Ammonium Dichromate " " "

TOTAL WEIGHT:

Cycle Chem, Inc

550 Industrial Drive Lewisberry PA 17339 PHONE: 717-938-4700, FAX:
717-938-3301

Land Disposal Restriction Notification and Certification Form

Generator: NATIVITY BLESSED VIRGIN MARY Manifest Tracking Number: 82072
HIGH SCHOOL
EPAID: NOT REQUIRED Manifest Document Number: 009587258JJK

The EPA hazardous wastes identified below must be treated to the applicable treatment standards Set forth In 40 CFR 268.40.

EPA Waste Code Information

Manifest Line	Waste-water?	EPACodes
Page 1 Line 1	No	D001 (High TOC ignitable liquids subcategory)
Page 1 Line 2	No	RCRA non-hazardous
Page 1 Line 3	No	D001 (Ignitable characteristic wastes subcategory , other than high TOC ignitable liquids), D003 (Water reactive subcategory)
Page 1 Line 4	No	D001 (Ignitable characteristic wastes subcategory , other than high TOC ignitable liquids), D005, D006 (Cadmium non-battery subcategory), D007, D008 (Lead non-battery subcategory)
Page 2 Line 1	No	D001 (Ignitable characteristic wastes subcategory , other than high TOC ignitable liquids), D003 (Water reactive subcategory)
Page 2 Line 2	No	D001 (High TOC ignitable liquids subcategory), D002
Page 2 Line 3	No	D001 (High TOC ignitable liquids subcategory), D002
Page 2 Line 4	No	D002
Page 2 Line 5	No	D001 (Ignitable characteristic wastes subcategory , other than high TOC ignitable liquids)
Page 2 Line 6	No	D002
Page 2 Line 7	No	D005, D006 (Cadmium non-battery subcategory), D008 (Lead non-battery subcategory), D011, D016, D019, U072, U144, U190, U210
Page 2 Line 8	No	D002
Page 2 Line 9	No	D009 (Low mercury [<260PPM total mercury] subcategory)
Page 2 Line 10	No	D002, U122

Underlying Hazardous Constituents

(None present unless identified below.)

Manifest Line	Constituents

I certify that all information submitted On this Land Disposal Restriction and Certification Form is accurate and complete, to the best of my knowledge and information.

Signature: Carol A. Boyer

Name: Carol A. Boyer

Title: Science Dept. Chairperson

Date: 8/7/12

Baker

Michael Baker Jr., Inc.
ATTACHMENT N

Oley Valley High School



**2012 Chemical Cleanout
Oley Valley High School
Work Log
August 7 and 8, 2012**

8/7
08:00 Michael Arthur (MA), representative of Michael Baker Jr., Inc. (Baker), and John Morsberger (JM) representative of Green Industries (GI), the disposal contractor, arrived at Oley Valley High School in Oley, PA.

MA and JM met with Cornelia Maroulis (CM), Department Chair/Chemistry Teacher at the school, discussed the project, and proceeded to Room 134 where the surplus chemicals for disposal were previously placed by Oley Valley High School personnel. CM confirmed that all of the chemicals present in Room 134 were for disposal.

08:15 GI began segregating the chemicals for disposal.

08:30 GI completed chemical segregation, began chemical inventory/record keeping, and began placement of the segregated chemicals into properly labeled disposal containers.

09:00 GI continued chemical inventory/record keeping, completed placement of the segregated chemicals into properly labeled disposal containers, and transported disposal containers to the overnight staging area in Room 147 (Garage).

09:10 MA conducted a visual inspection of the site to confirm proper clean up.

Baker and GI departed the work site.

8/8
08:00 MA and Maumee Express Inc. (MXI), the waste hauler arrived at Oley Valley High School in Oley, PA.

MXI began transporting the disposal containers from Room 147 (Garage) into the waste hauler truck.

08:45 MXI completed loading the truck with the disposal containers.

CM signed waste manifests and was given documentation of chemical disposal for school records.

MA conducted a visual inspection of the site to confirm proper clean up and that the area worked in by GI and MXI was left free of any sign of the chemical disposal process.

Baker and MXI departed the work site.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Oley Valley High School – Chemical Cleanout Project

PHOTOGRAPH

1

DATE

August 7, 2012

LOCATION

17 Jefferson Street
Oley, PA

PHOTOGRAPHS
BY

Baker



Comments: Room 134 where surplus chemicals were placed for disposal by Oley Valley High School.

PHOTOGRAPH

2

DATE

August 7, 2012

LOCATION

17 Jefferson Street
Oley, PA

PHOTOGRAPHS
BY

Baker



Comments: Disposal contractor (Green Industries) separating and segregating chemicals for disposal.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Oley Valley High School – Chemical Cleanout Project

PHOTOGRAPH 3	
DATE August 7, 2012	
LOCATION 17 Jefferson Street Oley, PA	
PHOTOGRAPHS BY Baker	

Comments: Disposal contractor (Green Industries) separating and segregating chemicals for disposal.

PHOTOGRAPH 4	
DATE August 7, 2012	
LOCATION 17 Jefferson Street Oley, PA	
PHOTOGRAPHS BY Baker	

Comments: Separated and segregated chemicals for disposal.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Oley Valley High School – Chemical Cleanout Project

PHOTOGRAPH
5

DATE
August 7, 2012

LOCATION
**17 Jefferson Street
Oley, PA**

PHOTOGRAPHS
BY
Baker



Comments: Disposal contractor (Green Industries) loading a 55-gallon disposal container with non-hazardous chemicals.

PHOTOGRAPH
6

DATE
August 7, 2012

LOCATION
**17 Jefferson Street
Oley, PA**

PHOTOGRAPHS
BY
Baker




Comments: Disposal contractor (Green Industries) adding a spill absorbent (vermiculite) to a 5-gallon disposal container.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Oley Valley High School – Chemical Cleanout Project

PHOTOGRAPH 7	
DATE August 7, 2012	
LOCATION 17 Jefferson Street Oley, PA	
PHOTOGRAPHS BY Baker	

Comments: Hazardous Material, Toxic, Corrosive, and Flammable labels on 5-gallon disposal containers.

PHOTOGRAPH 8	
DATE August 7, 2012	
LOCATION 17 Jefferson Street Oley, PA	
PHOTOGRAPHS BY Baker	

Comments: Disposal contractor (Green Industries) doing inventory and record keeping of chemicals for disposal.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Oley Valley High School – Chemical Cleanout Project

PHOTOGRAPH 9	
DATE August 7, 2012	
LOCATION 17 Jefferson Street Oley, PA	
PHOTOGRAPHS BY Baker	


Comments: Disposal contractor (Green Industries) transporting disposal containers to the overnight staging area in Room 147.

PHOTOGRAPH 10	
DATE August 7, 2012	
LOCATION 17 Jefferson Street Oley, PA	
PHOTOGRAPHS BY Baker	

Comments: Overnight staging area in Room 147.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Oley Valley High School – Chemical Cleanout Project

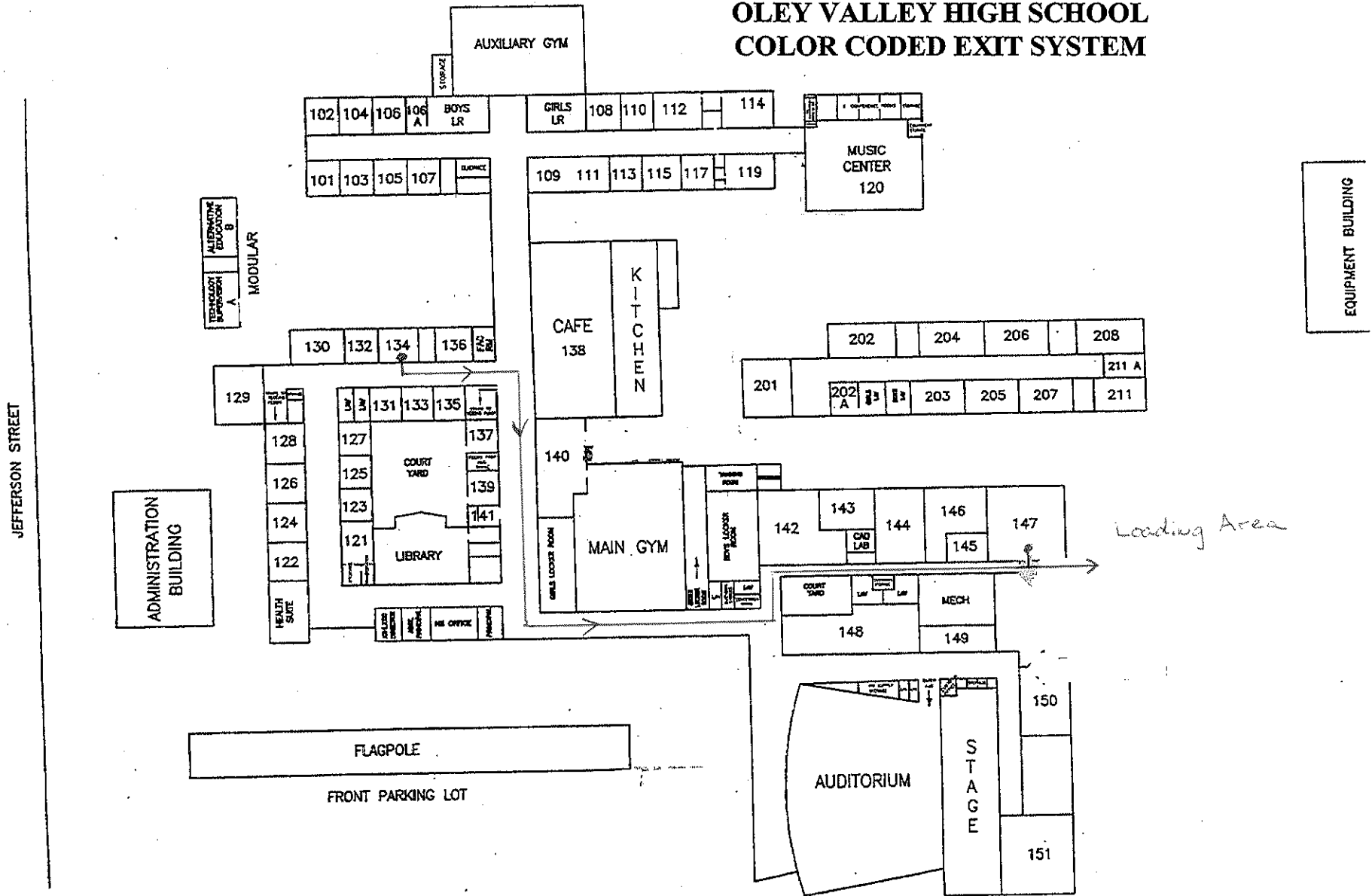
<p>PHOTOGRAPH 11</p>	
<p>DATE August 8, 2012</p>	
<p>LOCATION 17 Jefferson Street Oley, PA</p>	
<p>PHOTOGRAPHS BY Baker</p>	

Comments: Waste hauler (Maumee Express) loading disposal waste containers in the truck.

<p>PHOTOGRAPH 12</p>	
<p>DATE August 8, 2012</p>	
<p>LOCATION 17 Jefferson Street Oley, PA</p>	
<p>PHOTOGRAPHS BY Baker</p>	

Comments: Hazardous waste disposal truck (Maumee Express).

OLEY VALLEY HIGH SCHOOL COLOR CODED EXIT SYSTEM



UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number NOT REQUIRED	2. Page 1 of 2	3. Emergency Response Phone (410) 368-9170	4. Manifest Tracking Number 009587256 JJ	
5. Generator's Name and Mailing Address OLEY VALLEY HIGH SCHOOL 17 JEFFERSON STREET OLEY, PA 19547			Generator's Site Address (if different than mailing address) SAME			
Generator's Phone: (610) 387-4100						
6. Transporter 1 Company Name CLEAN VENTURE INC. (Maumee Express, Inc.)					U.S. EPA ID Number NJD9866073	
7. Transporter 2 Company Name					U.S. EPA ID Number	
8. Designated Facility Name and Site Address CYCLE CHEM, INC. 550 INDUSTRIAL DRIVE LEWISBERRY, PA 17339					U.S. EPA ID Number	
Facility's Phone: (717) 938-4700					PAD067098822	
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
		No.	Type			
X ¹	UN1993 WASTE FLAMMABLE LIQUIDS, N.O.S. (HEXANES) 3 PG II ERG# 120	001	DF	10	P	D001
	2. NON DOT / NON RCRA REGULATED SOLIDS	001	DF	45	P	NONE
X ³	UN2031 WASTE NITRIC ACID OTHER THAN RED FUMING, WITH LESS THAN 65 PERCENT NITRIC ACID B PG II (Not Shipped) ERG# 157	000		0		D002
X ⁴	UN2789 WASTE ACETIC ACID, GLACIAL OR ACETIC ACID SOLUTION, WITH MORE THAN 80 PERCENT ACID, BY MASS 8 (3) PG II (Not Shipped) ERG# 133	000		0		D001 D002
14. Special Handling Instructions and Additional Information 720045/GRE/545744/82069 (1)UIK-A LOOSE PACK FLAM (2)AC-B NO ZARDOUS SOLIDS - LOOSE PACK (3)UOXA-4 1 (4)UOA-5 2						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, package marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Offoror's Printed/Typed Name Cornelia B Maroulis					Signature <i>Cornelia B Maroulis</i>	
					Month Day	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____						
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name					Signature	
					Month Day	
Transporter 2 Printed/Typed Name					Signature	
					Month Day	
18. Discrepancy						
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
Manifest Reference Number: _____						
18b. Alternate Facility (or Generator)					U.S. EPA ID Number	
Facility's Phone: _____						
18c. Signature of Alternate Facility (or Generator)					Month Day	
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
1. H141		2.		3. H141		4. H141
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a						
Printed/Typed Name					Signature	
					Month Day	

167-BLC-O 6 10496

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UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator ID Number NOT REQUIRED	22. Page 2 of 2	23. Manifest Tracking Number 009587256JJK					
24. Generator's Name OLEY VALLEY HIGH SCHOOL 17 JEFFERSON STREET OLEY, PA 19547									
25. Transporter _____ Company Name				U.S. EPA ID Number					
26. Transporter _____ Company Name				U.S. EPA ID Number					
27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers		29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes			
		No.	Type						
X	(1) UN3288 WASTE TOXIC SOLID, INORGANIC, N.O.S. (D005 D008 D011) 6.1 PG II ERG# 151	001	DF	18	P	D005	D008	D011	
X	(2) UN3265 WASTE CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (N183 D002) 8 PG II <i>(Not Shipped)</i> ERG# 153	000		0		U123	D002		
X	(3) UN3264 WASTE CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (D002) 8 PG II ERG# 154	001	DF	12	P	D002			
X	(4) UN2813 WASTE WATER-REACTIVE SOLID, N.O.S. (D001 D003) 4.3 PG II ERG# 138	001	DF	6	P	D001	D003		
X	(5) UN1479 WASTE OXIDIZING SOLID, N.O.S. (D001 D005 D007 D008 D011) 5.1 PG II ERG# 140	001	DF	20	P	D001	D005	D007	
X	(6) UN1436 WASTE ZINC POWDER OR ZINC DUST 4.3 (4.2) PG II <i>(Not Shipped)</i> ERG# 138	000		0		D001	D003		
X	(7) UN3266 WASTE CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (D002 D005) 8 PG II ERG# 154	001	DF	4	P	D002	D005		
X	(8) UN1744 WASTE BROMINE POISON-INHALATION HAZARD ZONE A 8 (6.1) PG I <i>(Not Shipped)</i> ERG# 154	000		0		D002			
X	(9) UN1305 Waste Flammable Solid, N.O.S., 4.1, PG II (Lab Pack 12)	001	DF	4	P	D001	U165		
32. Special Handling Instructions and Additional Information 720045/GRE/545744/B2069 (1)AA-6 3 (2)UDA-7 4 (3)UVI-8 5 (4)CCE DWW-9 6 (5)STOL/R-10 7 (6)ZNDWW-11 8 (7)UDW-12 9 (8)PIH-13 10									
33. Transporter _____ Acknowledgment of Receipt of Materials									
Printed/Typed Name		Signature		Month	Day	Year			
34. Transporter _____ Acknowledgment of Receipt of Materials									
Printed/Typed Name		Signature		Month	Day	Year			
35. Discrepancy									
36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)									
H141		H141		H141		H141		H141	
H141		H141		H141		H141		H141	

DISPOSAL CODE: _____ LAB CODE: _____

D.O.T. PROPER SHIPPING NAME: Waste Oxidizing Solid, NOS

HAZARD CLASS: 5.1 PG II

E.P.A. WASTE TYPE CODE: D007, D005 UN/NA: VN1499

PAGE 1 OF 1 DATE _____

GENERATOR: Oley Valley High School
17 Jefferson Street
Oley, PA 19547

EPA ID NO.: _____

MANIFEST NO.: _____

DRUM NO.: 7 CONTAINER: ~~505~~ 51F

QUANTITY	DESCRIPTION OF MATERIAL
1 x 1 st	Aluminium Nitrate
2 x 02	Ammonium Persulfate "
3 x 1 st	Manganese Dioxide ""
1 x 1 st	Calcium Nitrate
1 x 1/4 th	Chromic Nitrate <u>D007</u>
3 x 1 st	Cupric Nitrate ""
1 x 1 st	Iron Nitrate
1 x 1 st	Lead Nitrate <u>D008</u>
1 x 1 st	Cobalt Nitrate
1 x 1 st	Lithium Nitrate
1 x 1 st	Nickel Nitrate
1 x 1 st	Potassium Nitrate
1 x 1/4 th	Silver Nitrate <u>D011</u>
1 x 1 st	Strontium Nitrate
1 x 1 st	Barium Nitrate <u>D005</u>
1 x 1 st	Calcium Nitrate
2 x 1 st	Magnesium Nitrate ""
2 x 1/2 nd	Zinc Nitrate ""
1 x 1 st	Sodium Nitrate
4 x 1 st	Ammonium Nitrate ""
1 x 1 st	Ammonium Dichromate <u>D007</u>
2 x 1 st	Potassium Chlorate "
2 x 1 st	Potassium Permanganate ""
1 x 1/4 th	Potassium Bromate
TOTAL WEIGHT:	

Cycle Chem, Inc

550 Industrial Drive Lewisberry PA 17339 PHONE: 717-938-4700, FAX:
717-938-3301

Land Disposal Restriction Notification and Certification Form

Generator: OLEY VALLEY HIGH SCHOOL
EPAID: NOT REQUIRED

Manifest Tracking Number: 82069
Manifest Document Number: 009587256JJK

The EPA hazardous wastes identified below must be treated to the applicable treatment standards Set forth In 40 CFR 268.40.

EPA Waste Code Information

Manifest Line	Waste-water?	EPACodes
Page 1 Line 1	No	D001 (High TOC ignitable liquids subcategory)
Page 1 Line 2	No	RCRA non-hazardous
Page 1 Line 3	No	D002
Page 1 Line 4	No	D001 (High TOC ignitable liquids subcategory), D002
Page 2 Line 1	No	D005, D008 (Lead non-battery subcategory), D011
Page 2 Line 2	No	D002, U123
Page 2 Line 3	No	D002
Page 2 Line 4	No	D001 (Ignitable characteristic wastes subcategory, other than high TOC ignitable liquids), D003 (Water reactive subcategory)
Page 2 Line 5	No	D001 (Ignitable characteristic wastes subcategory, other than high TOC ignitable liquids), D005, D007, D008 (Lead non-battery subcategory), D011
Page 2 Line 6	No	D001 (Ignitable characteristic wastes subcategory, other than high TOC ignitable liquids), D003 (Water reactive subcategory)
Page 2 Line 7	No	D002, D005
Page 2 Line 8	No	D002

Underlying Hazardous Constituents

(None present unless identified below.)

Manifest Line	Constituents
---------------	--------------

I certify that all information submitted On this Land Disposal Restriction and Certification Form is accurate and complete, to the best of my knowledge and information.

Signature: Cornelia B. Maroulis

Name: Cornelia B. Maroulis

Title: Chemistry Teacher

Date: _____

Penn Hills Senior High School



**2012 Chemical Cleanout
Penn Hills Senior High School
Work Log
August 16, 2012**

09:30-10:00 Michael Arthur (MA), representative of Michael Baker Jr., Inc. (Baker), Andy Perrin (AP) and John Morsberger (JM), representatives of Green Industries (GI), and ClearVenture/Cycle Chem (CVCC), the waste hauler, traveled from Allderdice High School to Penn Hills Senior High School, located in Penn Hills, PA.

MA and JM met with Deana Foley (DF), Chemistry Teacher for the school, discussed the project and proceeded to Room 318 and Room 318's Storage Room where the surplus chemicals for disposal were previously placed by Penn Hills Senior High School personnel. DF confirmed which of the chemicals present in Room 318 and 318's Storage Room were for disposal.

10:15 GI placed all of the chemicals for disposal to a staging area in Room 318 and began chemical segregation, chemical inventory/record keeping, and also began placing segregated chemicals into properly labeled disposal containers.

10:30 GI completed placing segregated chemicals into properly labeled disposal containers.

GI transported the disposal containers to the waste hauler truck.

10:45 GI completes disposal associated paper work.

CVCC loaded all of the disposal containers into the waste hauler truck.

11:10 DF signed waste manifests and was given documentation of chemical disposal for school records.

MA conducted a visual inspection of the site to confirm proper clean up and that the area worked in by GI was left free of any sign of the chemical disposal process.

Baker, GI, and CVCC departed the work site.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Penn Hills Senior High School – Chemical Cleanout Project

PHOTOGRAPH
1

DATE
August 16, 2012

LOCATION
**12200 Garland Drive
Penn Hills, PA**

PHOTOGRAPHS
BY
Baker



Comments: Room 318 where surplus chemicals were placed for disposal by Penn Hills Senior High School.

PHOTOGRAPH
2

DATE
August 16, 2012

LOCATION
**12200 Garland Drive
Penn Hills, PA**


PHOTOGRAPHS
BY
Baker



Comments: Disposal contractor (Green Industries) separating and segregating chemicals for disposal.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Penn Hills Senior High School – Chemical Cleanout Project

PHOTOGRAPH 3	
DATE August 16, 2012	
LOCATION 12200 Garland Drive Penn Hills, PA	
PHOTOGRAPHS BY Baker	

Comments: Disposal contractor (Green Industries) separating and segregating chemicals.

PHOTOGRAPH 4	
DATE August 16, 2012	
LOCATION 12200 Garland Drive Penn Hills, PA	
PHOTOGRAPHS BY Baker	

Comments: Transporting disposal containers from Room 318 to the disposal truck.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

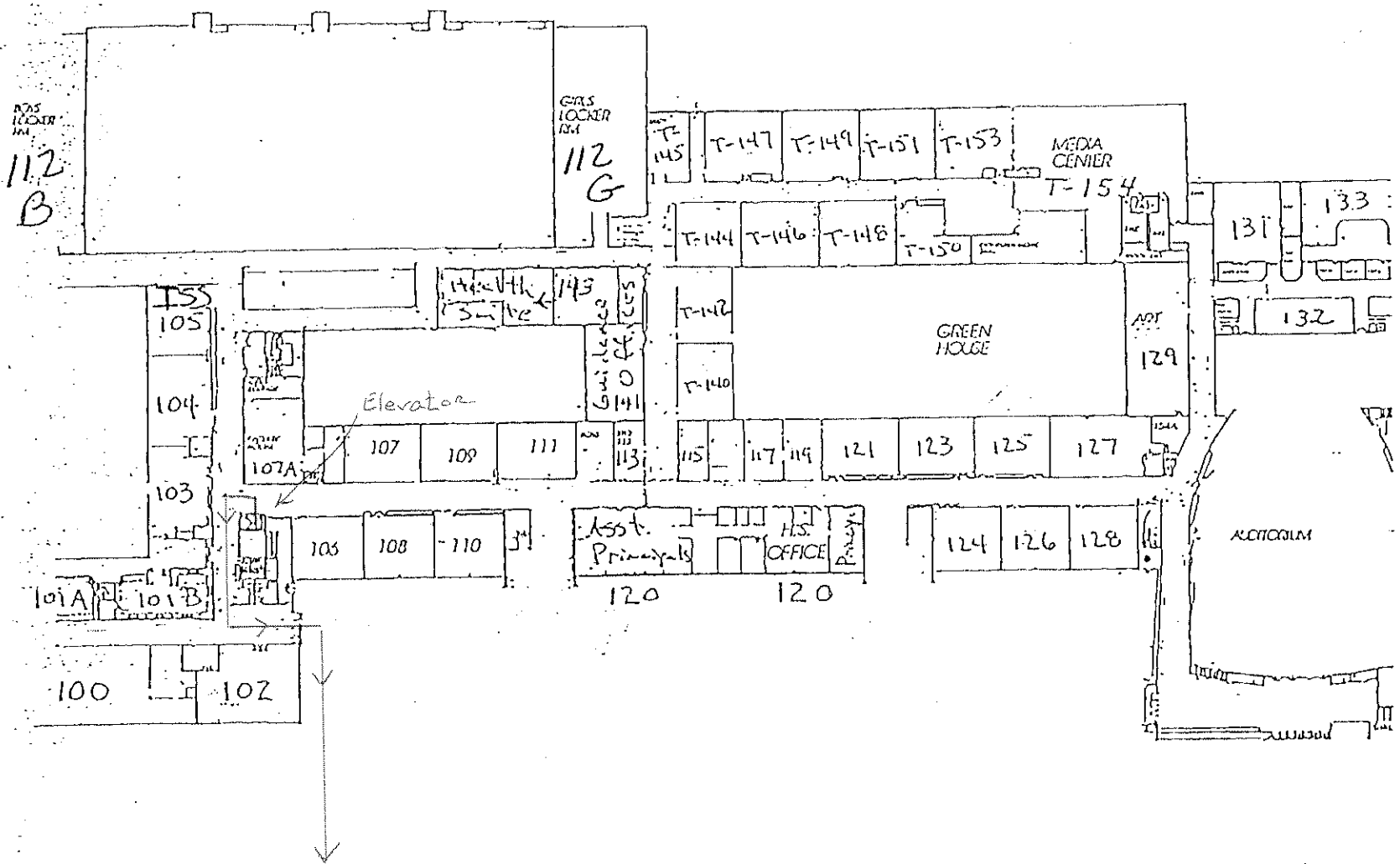
SITE NAME: Penn Hills Senior High School – Chemical Cleanout Project

<p>PHOTOGRAPH 5</p>	
<p>DATE August 16, 2012</p>	
<p>LOCATION 12200 Garland Drive Penn Hills, PA</p>	
<p>PHOTOGRAPHS BY Baker</p>	

Comments: Hazardous waste disposal truck (CleanVenture/Cycle Chem).

<p>PHOTOGRAPH 6</p>	
<p>DATE August 16, 2012</p>	
<p>LOCATION 12200 Garland Drive Penn Hills, PA</p>	
<p>PHOTOGRAPHS BY Baker</p>	

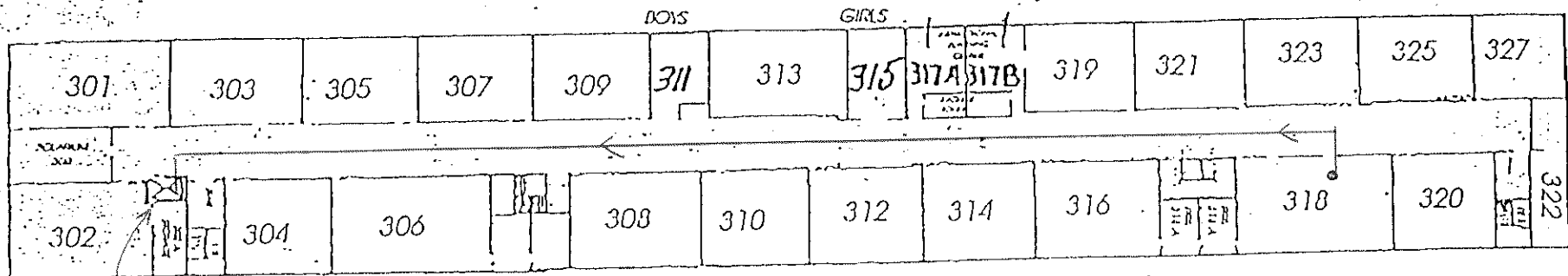
Comments: Segregated hazardous waste containers in the disposal truck.



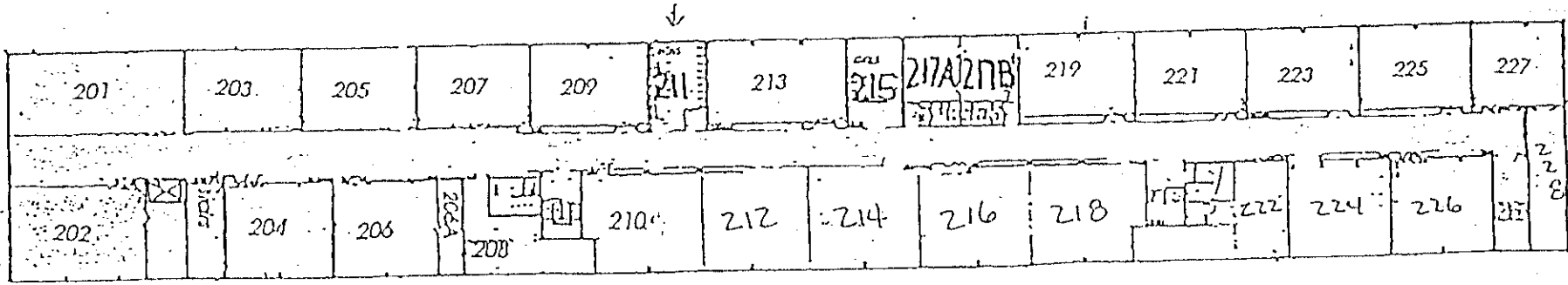
Loading Area

NEW ROOM NUMBERS

151 FLOOR PLAN



Elevator



NEW ROOM NUMBERS

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number PADEP0017259	2. Page 1 of 1	3. Emergency Response Phone (412) 368-9170	4. Manifest Tracking Number 009587181 JJ			
5. Generator's Name and Mailing Address PENN HILLS SENIOR HIGH SCHOOL								
12200 GONLAND DRIVE PITTSBURGH, PA 15235			Generator's Site Address (if different than mailing address) SAME					
Generator's Phone: 412-431-1132								
6. Transporter 1 Company Name CLEAN VENTURE INC.				U.S. EPA ID Number NJ0000027193				
7. Transporter 2 Company Name				U.S. EPA ID Number				
8. Designated Facility Name and Site Address CYCLE CHEM, INC.				U.S. EPA ID Number PA0067098822				
550 INDUSTRIAL DRIVE LEWISBERRY, PA 17339				Facility's Phone: (717) 938-4700				
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
			No.	Type				
	X ¹	UN1993 WASTE FLAMMABLE LIQUIDS, N.O.S. (PAINTS / THINNERS) 3 PG II ERG# 128	001	DF	70	P	D001	
	X ²	UN3287 WASTE TOXIC LIQUID, INORGANIC, N.O.S. (U044 U080 U210 U219 D019 D022) 6.1 PG II ERG# 153	001	DF	40	P	U044 U080 U U219 D019 D	
	X ³	UN3265 WASTE CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (D002) 8 PG II ERG# 153	001	DF	12	P	D002	
X ⁴	UN1130 WASTE CAMPHER OIL 3 PG III Carbon Disulfide, 3, PG I ERG# 128	001	DF	3	P	P022 D001		
14. Special Handling Instructions and Additional Information 719985/GRE/545464/81862 (1)UIK-B FLAMMABLE LOOSE PACK (2)UX 1 (3)UQA-4 2 (4)VRA38B-5 3								
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, package marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable International and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.								
Generator's/Offeror's Printed/Typed Name Deana Foley								
Signature <i>Deana Foley</i>								
Month Day 08 16								
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____								
17. Transporter Acknowledgment of Receipt of Materials								
Transporter 1 Printed/Typed Name _____ Signature _____ Month _____ Day _____								
Transporter 2 Printed/Typed Name _____ Signature _____ Month _____ Day _____								
DESIGNATED FACILITY	18. Discrepancy							
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
	Manifest Reference Number: _____ U.S. EPA ID Number _____							
	18b. Alternate Facility (or Generator) _____ U.S. EPA ID Number _____							
Facility's Phone: _____								
18c. Signature of Alternate Facility (or Generator) _____ Month _____ Day _____								
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)								
1. H141		2. H141		3. H141		4. H141		
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a								
Printed/Typed Name _____ Signature _____ Month _____ Day _____								

167-BLC-O 6 10496

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GENERATOR: Penn Hills Sr. High School
12200 Garland Drive
Pittsburgh, PA 15235

EPA ID NO.: _____
MANIFEST NO.: _____
DRUM NO.: 4 CONTAINER: Sp Box

DISPOSAL CODE: _____ LAB CODE: _____

D.O.T. PROPER SHIPPING NAME: Waste Bromine

HAZARD CLASS: 8 PG I

E.P.A. WASTE TYPE CODE: D002 UN/NA: UN1749

PAGE 1 OF 1 DATE _____

QUANTITY	DESCRIPTION OF MATERIAL
1x pt	Bromine
	Inhalation Hazard Zone A

TOTAL WEIGHT:

Cycle Chem, Inc

550 Industrial Drive Lewisberry PA 17339 PHONE: 717-938-4700, FAX:
717-938-3301

Land Disposal Restriction Notification and Certification Form

Generator: PENN HILLS SENIOR HIGH SCHOOL
EPAID: PADEP0017259

Manifest Tracking Number: 81862
Manifest Document Number: 009587181JJK

The EPA hazardous wastes identified below must be treated to the applicable treatment standards Set forth In 40 CFR 268.40.

EPA Waste Code Information

Manifest Line	Waste-water?	EPA Codes
Page 1 Line 1	No	D001 (High TOC ignitable liquids subcategory)
Page 1 Line 2	No	D019, D022, U044, U080, U210, U219
Page 1 Line 3	No	D002
Page 1 Line 4	No	D001 (High TOC ignitable liquids subcategory), P022
Page 2 Line 1	No	D002

Underlying Hazardous Constituents

(None present unless identified below.)

Manifest Line	Constituents
---------------	--------------

I certify that all information submitted On this Land Disposal Restriction and Certification Form is accurate and complete, to the best of my knowledge and information.

Signature: Deana Foley

Name: Deana Foley

Title: Chemistry Teacher

Date: 8-16-12

Baker

Michael Baker Jr., Inc.
ATTACHMENT P

Southern Columbia Area High School



2012 Chemical Cleanout
Southern Columbia Area High School
Work Log
August 2, 2012

12:15 – 13:45 Michael Arthur (MA), representative of Michael Baker Jr., Inc. (Baker), John Morsberger (JM), representative of Green Industries (GI), the disposal contractor, and CleanVenture/Cycle Chem (CVCC), the waste hauler, traveled from Trinity High School to Southern Columbia Area High School, located in Catawissa, PA.

MA and JM met with Steve DeLong (SD), Chemistry Teacher at the school, discussed the project, and proceeded to Room 201's Storage Closet where all of the schools chemicals and the surplus chemicals for disposal were stored. SD pointed out and confirmed which of the chemicals present in Room 201's Storage Closet were for disposal.

14:00 GI placed all of the chemicals for disposal to a staging area in Room 201 and began chemical segregation and chemical inventory/record keeping.

14:15 GI began placing segregated chemicals into properly labeled disposal containers.

14:30 GI completed placing segregated chemicals into properly labeled disposal containers.

GI transported the disposal containers from Room 201 to the waste hauler truck.

14:45 CVCC completed loading the truck with the disposal containers.

SD signed waste manifests and was given documentation of chemical disposal for school records.

MA conducted a visual inspection of the site to confirm proper clean up and that the area worked in by GI and CVCC was left free of any sign of the chemical disposal process.

Baker, GI, and CVCC departed the work site.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Southern Columbia Area High School – Chemical Cleanout Project

PHOTOGRAPH

1

DATE

August 2, 2012

LOCATION

800 Southern Drive
Catawissa, PA

PHOTOGRAPHS
BY

Baker



Comments: Room 201 where surplus chemicals were placed for disposal by Southern Columbia Area High School.

PHOTOGRAPH

2

DATE

August 2, 2012

LOCATION

800 Southern Drive
Catawissa, PA

PHOTOGRAPHS
BY

Baker



Comments: Disposal contractor (Green Industries) loading a 30-gallon disposal container with non-hazardous chemicals.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Southern Columbia Area High School – Chemical Cleanout Project

PHOTOGRAPH

3

DATE

August 2, 2012

LOCATION

**800 Southern Drive
Catawissa, PA**

PHOTOGRAPHS
BY

Baker



Comments: Disposal contractor (Green Industries) loading a 15-gallon disposal container with toxic solids.

PHOTOGRAPH

4

DATE

August 2, 2012

LOCATION

**800 Southern Drive
Catawissa, PA**

PHOTOGRAPHS
BY

Baker



Comments: Non-hazardous chemicals in a 30-gallon disposal container.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Southern Columbia Area High School – Chemical Cleanout Project

PHOTOGRAPH 5	
DATE August 2, 2012	
LOCATION 800 Southern Drive Catawissa, PA	
PHOTOGRAPHS BY Baker	

Comments: Hazardous Material label on a 15-gallon disposal container.

PHOTOGRAPH 6	
DATE August 2, 2012	
LOCATION 800 Southern Drive Catawissa, PA	
PHOTOGRAPHS BY Baker	

Comments: Transporting disposal containers from Room 201 to the disposal truck.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Southern Columbia Area High School – Chemical Cleanout Project

PHOTOGRAPH 7
DATE August 2, 2012
LOCATION 800 Southern Drive Catawissa, PA
PHOTOGRAPHS BY Baker

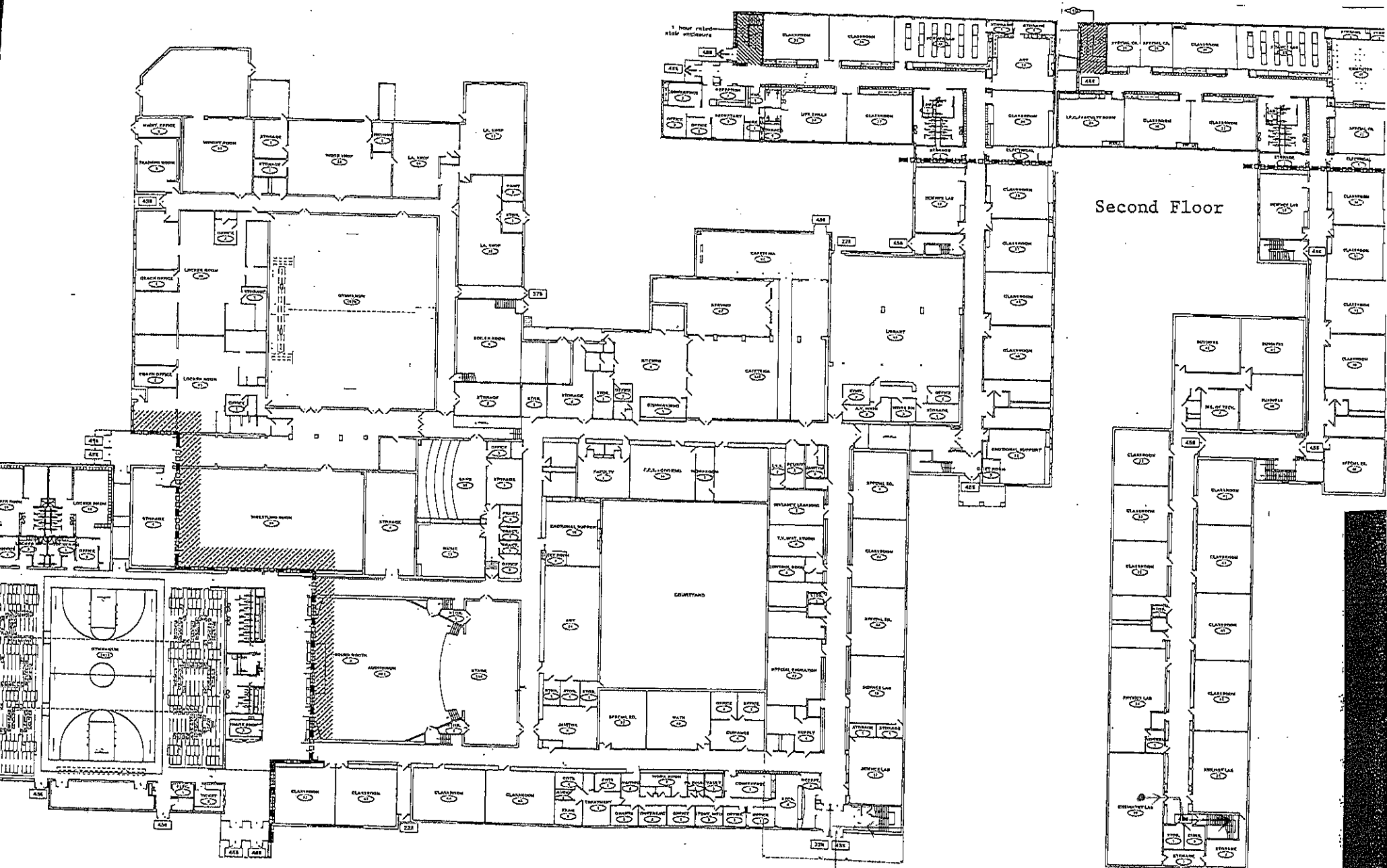


Comments: Hazardous waste disposal truck (CleanVenture/Cycle Chem).

PHOTOGRAPH 8
DATE August 2, 2012
LOCATION 800 Southern Drive Catawissa, PA
PHOTOGRAPHS BY Baker



Comments: Hazardous waste disposal truck (CleanVenture/Cycle Chem).



Second Floor

← Loading Area

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number PADEP0017243	2. Page 1 of 2	3. Emergency Response Phone (410) 368-9170	4. Manifest Tracking Number 009587185 JJK			
5. Generator's Name and Mailing Address SOUTHERN COLUMBIA HIGH SCHOOL 800 SOUTHERN DRIVE COLUMBIA, PA 17820				Generator's Site Address (if different than mailing address) SAME				
Generator's Phone: 570-356-3450								
6. Transporter 1 Company Name CLEAN VENTURE INC.				U.S. EPA ID Number NJ0000027193				
7. Transporter 2 Company Name				U.S. EPA ID Number				
8. Designated Facility Name and Site Address CYCLE CHEM, INC. 550 INDUSTRIAL DRIVE LEWISBERRY, PA 17339				U.S. EPA ID Number PA10067098822				
Facility's Phone: (717) 938-4700								
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt/Vol.	13. Waste Codes		
		No.	Type					
	1. NON DOT / NON RCRA REGULATED SOLIDS	001	DF	20	P	NONE		
X	2. UN1759 WASTE CORROSIVE SOLIDS, N.O.S. (D003) 6.1 PG II ERG# 154	001	DF	10	P	D003		
X	3. UN3288 WASTE TOXIC SOLID, INORGANIC, N.O.S. (D005 D007 D008) 6.1 PG II ERG# 154	001	DF	20	P	D005	D007	D008
X	4. UN1479 WASTE OXIDIZING SOLID, N.O.S. (D005 D007) 5.1 PG II ERG# 148	001	DF	25	P	D005	D007	
14. Special Handling Instructions and Additional Information 719934/GRE/545451/81866 (1)AC-B NON HAZARDOUS SOLIDS - LOOSE PK CK (2)VR00A-2 1 (3)AA-3 2 (4)STOL-4 3								
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.								
Generator's/Officer's Printed/Typed Name Stephen M. DeLong				Signature <i>Stephen M. DeLong</i>		Month Day Year 08 10 12		
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____								
17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name: JASON TROUTMAN Signature: <i>Jason Troutman</i> Month Day Year: 08 12 12 Transporter 2 Printed/Typed Name: _____ Signature: _____ Month Day Year: _____								
18. Discrepancy 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Manifest Reference Number: _____								
18b. Alternate Facility (or Generator) U.S. EPA ID Number: _____ Facility's Phone: _____								
18c. Signature of Alternate Facility (or Generator) Month Day Year: _____								
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)								
1. _____		2. H141		3. H141		4. H141		
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Printed/Typed Name: _____ Signature: _____ Month Day Year: _____								

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator ID Number PADEP0017243	22. Page 2 of 3	23. Manifest Tracking Number 009587105JJK				
24. Generator's Name SOUTHERN COLUMBIA HIGH SCHOOL 800 SOUTHERN DRIVE COLUMBIA, PA 17820								
25. Transporter _____ Company Name				U.S. EPA ID Number				
26. Transporter _____ Company Name				U.S. EPA ID Number				
27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers		29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes		
		No.	Type					
X	(1) UN1759 CORROSIVE SOLIDS, N.O.S. (NONE) 8 PG II ERG# 154	001	DF	8 P		NONE		
X	(2) UN2809 WASTE MERCURY 8 PG III ERG# 172	001	DF	4 P		D009		
X	(3) UN1689 WASTE SODIUM CYANIDE, SOLID G.I PG I <i>(Not Shipped)</i> ERG# 157	0001		0		P106	D003	
32. Special Handling Instructions and Additional Information 719934/GRE/545451/81866 (1)AC-5 4 (2)MD-6 5 (3)DN-7 6								
33. Transporter _____ Acknowledgment of Receipt of Materials						Month	Day	Year
Printed/Typed Name _____ Signature _____								
34. Transporter _____ Acknowledgment of Receipt of Materials						Month	Day	Year
Printed/Typed Name _____ Signature _____								
35. Discrepancy								
36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)								
		H141		H141				

GENERATOR

TRANSPORTER

DESIGNATED FACILITY

Cycle Chem, Inc

550 Industrial Drive Lewisberry PA 17339 PHONE: 717-938-4700, FAX:
717-938-3301

Land Disposal Restriction Notification and Certification Form

Generator: SOUTHERN COLUMBIA HIGH SCHOOL **Manifest Tracking Number:** 81866
EPAID: PADEP0017243 **Manifest Document Number:** 009587185JJK

The EPA hazardous wastes identified below must be treated to the applicable treatment standards Set forth In 40 CFR 268.40.

EPA Waste Code Information

Manifest Line	Waste-water?	EPA Codes
Page 1 Line 1	No	RCRA non-hazardous
Page 1 Line 2	No	D003 (Water reactive subcategory)
Page 1 Line 3	No	D005, D007, D008 (Lead non-battery subcategory)
Page 1 Line 4	No	D005, D007
Page 2 Line 1	No	RCRA non-hazardous
Page 2 Line 2	No	D009 (Low mercury [<260 PPM total mercury] subcategory)
Page 2 Line 3	No	D003 (Other reactive subcategory), P106

Underlying Hazardous Constituents

(None present unless identified below.)

Manifest Line	Constituents
---------------	--------------

I certify that all information submitted On this Land Disposal Restriction and Certification Form is accurate and complete, to the best of my knowledge and information.

Signature: Steph M. DeLong

Name: Stephen M. DeLong

Title: Chemistry Teacher

Date: 8/2/12

Baker

Michael Baker Jr., Inc.
ATTACHMENT Q

St. Hubert Catholic High School for Girls



2012 Chemical Cleanout
Saint Hubert Catholic High School for Girls
Work Log
August 8, 2012

11:00-13:45 Michael Arthur (MA), representative of Michael Baker Jr., Inc. (Baker), and John Morsberger (JM), representative of Green Industries (GI), the disposal contractor, traveled from Nativity Blessed Virgin Mary High School to Saint Hubert Catholic High School for Girls (St. Hubert), located in Philadelphia, PA.

MA and JM met with Patricia Kubach (PK), Science Chairperson at the school, discussed the project, and proceeded to Room 212 where the surplus chemicals for disposal were previously placed by St. Hubert personnel. CB confirmed that all of the chemicals present in Room 212 were for disposal.

GI began segregating the chemicals for disposal.

15:15 GI completed chemical segregation, began chemical inventory/record keeping, and also began placement of the segregated chemicals into properly labeled disposal containers.

15:30 GI continued chemical inventory/record keeping and finished placing segregated chemicals into properly labeled disposal containers.

GI and Maumee Express Inc. (MXI), the waste hauler transported disposal containers into the waste hauler truck.

16:30 GI completed chemical inventory/record keeping.

PK signed waste manifests and was given documentation of chemical disposal for school records.

MA conducted a visual inspection of the site to confirm proper clean up and that the area worked in by GI and MXI was left free of any sign of the chemical disposal process.

Baker, GI, and MXI departed the work site.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: St Hubert Catholic High School for Girls – Chemical Cleanout Project

PHOTOGRAPH

1

DATE

August 8, 2012

LOCATION

7320 Torresdale Avenue
Philadelphia, PA

PHOTOGRAPHS
BY

Baker



Comments: Room 212 where surplus chemicals were placed for disposal by St Hubert Catholic High School for Girls.

PHOTOGRAPH

2

DATE

August 8, 2012

LOCATION

7320 Torresdale Avenue
Philadelphia, PA

PHOTOGRAPHS
BY

Baker



Comments: Disposal contractor (Green Industries) separating and segregating chemicals for disposal.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: St Hubert Catholic High School for Girls – Chemical Cleanout Project

PHOTOGRAPH 3
DATE August 8, 2012
LOCATION 7320 Torresdale Avenue Philadelphia, PA
PHOTOGRAPHS BY Baker



Comments: Disposal contractor (Green Industries) placing mercury thermometers into a 5-gallon disposal container.

PHOTOGRAPH 4
DATE August 8, 2012
LOCATION 7320 Torresdale Avenue Philadelphia, PA
PHOTOGRAPHS BY Baker



Comments: Hazardous Material label on 55-gallon disposal container.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: St Hubert Catholic High School for Girls – Chemical Cleanout Project

PHOTOGRAPH

5

DATE

August 8, 2012

LOCATION

7320 Torresdale Avenue
Philadelphia, PA

PHOTOGRAPHS
BY

Baker



Comments: Unknown chemicals for disposal waiting to be categorized.

PHOTOGRAPH

6

DATE

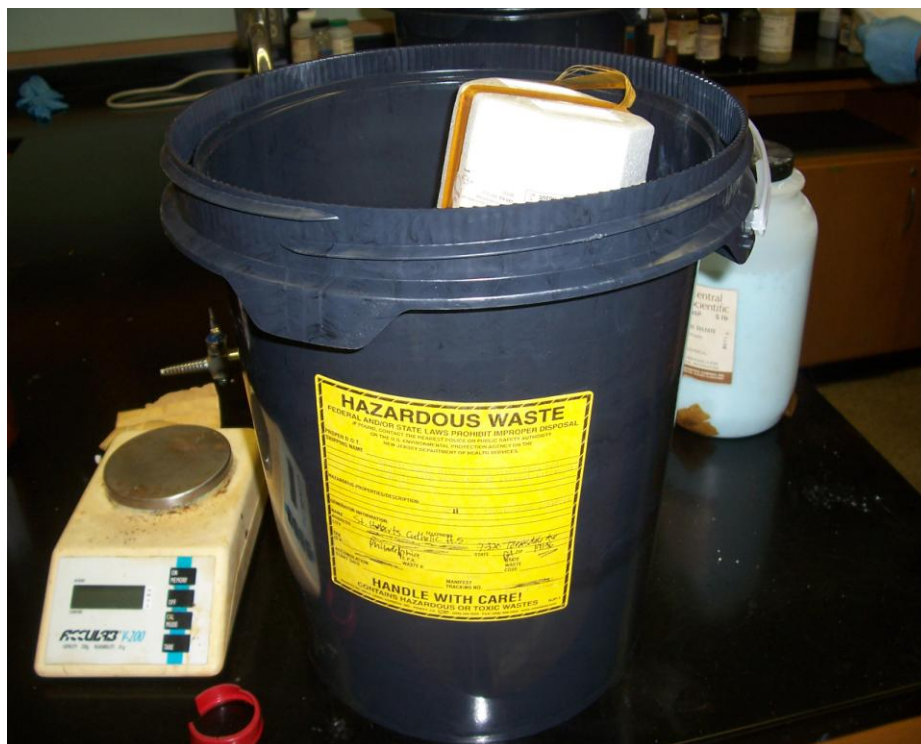
August 8, 2012

LOCATION

7320 Torresdale Avenue
Philadelphia, PA

PHOTOGRAPHS
BY

Baker



Comments: Hazardous Material label on 5-gallon disposal container.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: St Hubert Catholic High School for Girls – Chemical Cleanout Project

PHOTOGRAPH
7

DATE
August 8, 2012

LOCATION
**7320 Torresdale Avenue
Philadelphia, PA**

PHOTOGRAPHS
BY
Baker



Comments: Disposal contractor (Green Industries) doing inventory and record keeping of chemicals for disposal.

PHOTOGRAPH
8

DATE
August 8, 2012

LOCATION
**7320 Torresdale Avenue
Philadelphia, PA**

PHOTOGRAPHS
BY
Baker



Comments: Segregated hazardous waste containers in the disposal truck.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: St Hubert Catholic High School for Girls – Chemical Cleanout Project

PHOTOGRAPH
9

DATE
August 8, 2012

LOCATION
**7320 Torresdale Avenue
Philadelphia, PA**

PHOTOGRAPHS
BY
Baker



Comments: Hazardous waste disposal truck (Maumee Express).

PHOTOGRAPH
10

DATE
August 8, 2012

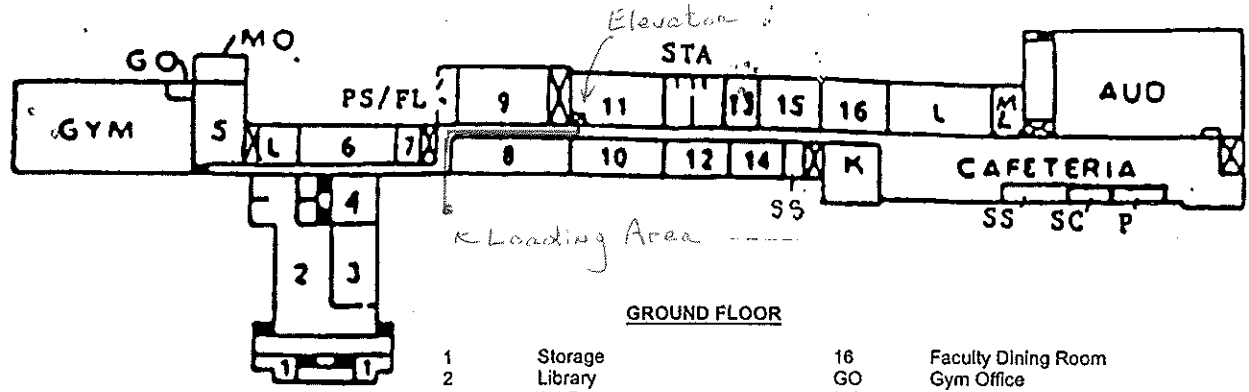
LOCATION
**7320 Torresdale Avenue
Philadelphia, PA**

PHOTOGRAPHS
BY
Baker



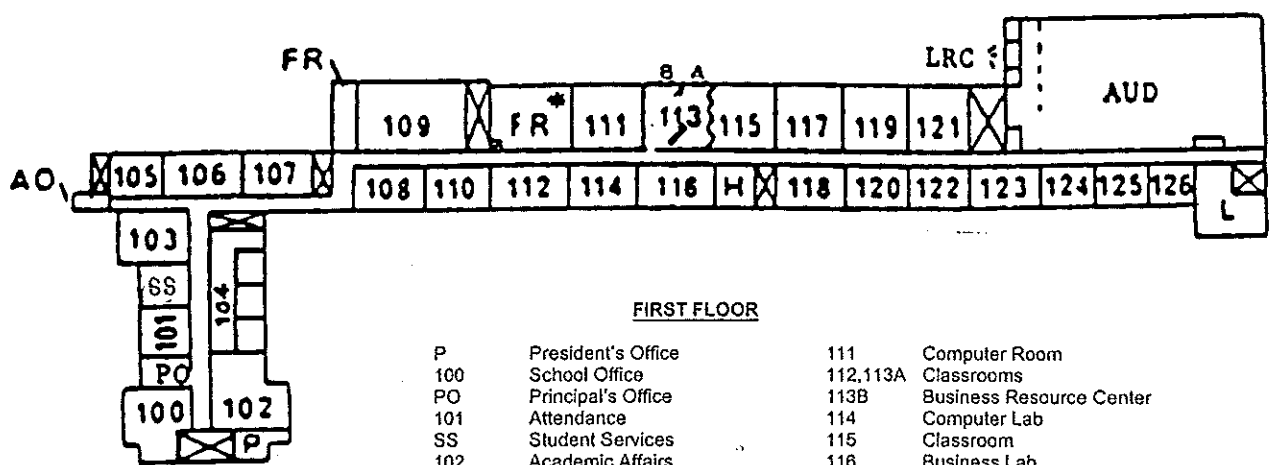
Comments: Room 212 after chemicals for disposal were removed by disposal contractor (Green Industries).

FLOOR PLAN



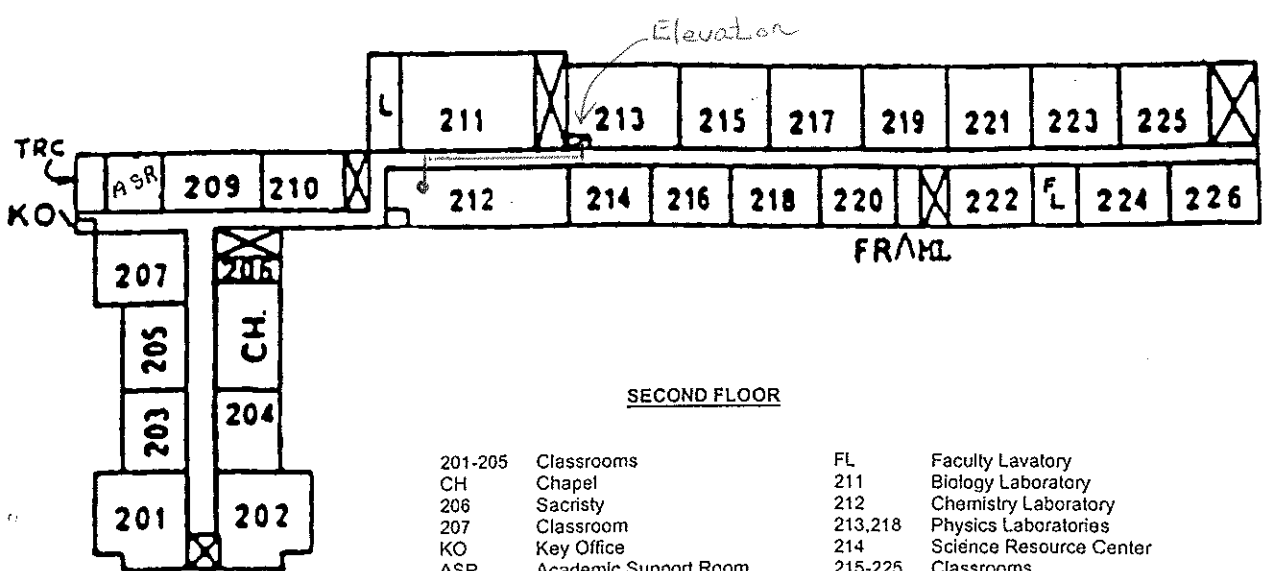
GROUND FLOOR

1	Storage	16	Faculty Dining Room
2	Library	GO	Gym Office
3	Art Room	MO	Maintenance Office
4-5	Music Rooms	STA	Student Affairs Office
6	AV/TV Studio	K	Kitchen
7	Shalom Office	L	Lavatory
PS/FL	Print Shop/Faculty Lav.	SS	School Store
8-9	Classrooms	P	Publications
10	Sewing Room	AUD	Auditorium
11	Physics Classroom/Lab	SS	Student Services
12-14	Classrooms	ML	Men's Lavatory
15	Conference Room	SC	Student Council



FIRST FLOOR

P	President's Office	111	Computer Room
100	School Office	112,113A	Classrooms
PO	Principal's Office	113B	Business Resource Center
101	Attendance	114	Computer Lab
SS	Student Services	115	Classroom
102	Academic Affairs	116	Business Lab
103	English Resource Center	H	Health Room
104	Guidance Office	117-126	Classrooms
AO	Athletic Office	LRC	Language Resource Center
FR	Faculty Room-Mailboxes	AUD	Auditorium
105-110	Classrooms	L	Lavatory



SECOND FLOOR

201-205	Classrooms	FL	Faculty Lavatory
CH	Chapel	211	Biology Laboratory
206	Sacristy	212	Chemistry Laboratory
207	Classroom	213,218	Physics Laboratories
KO	Key Office	214	Science Resource Center
ASR	Academic Support Room	215-225	Classrooms
209-210	Classrooms	FR	Faculty Room
MO	Ministry Office	226	Mathematics Resource Ctr.
TRC	Theology Resource Ctr.	L	Student Lavatory
ML	Men's Lavatory		

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST
(Continuation Sheet)

21. Generator ID Number

CSQG

22. Page

2 of 2

23. Manifest Tracking Number

005616954

Form 1

24. Generator's Name

St. Huberts Catholic High School
7320 Torresdale Avenue; Philadelphia, PA 19136

25. Transporter

Company Name

26. Transporter

Company Name

U.S. EPA ID Number

U.S. EPA ID Number

27a. HM

27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))

28. Containers

No.

Type

29. Total Quantity

30. Unit Wt./Vol.

31. Waste Codes

GENERATOR

TRANSPORTER

DESIGNATED FACILITY

27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers		29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes	
		No.	Type				
X	(1) UN1814 Waste Phosphorous Pentoxide, 8, PGI	001	DF	1	P	D002	
X	(2) UN2779 Waste Oxidizing Solid, N.O.S., 5.1, PGI (LP-10)	001	DM	70	P	D001	D005
X	(3) UN2813 Waste Water reactive Solid, N.O.S., 4.3, PGI (LP-3) (Not Shipped)	000		0			
X	(4) UN3266 Waste Corrosive liquid, Basic, Inorganic, N.O.S., (LP-2)	001	DM	60	P	D002	
X	(5) UN3208 Waste Toxic Solid, Inorganic, N.O.S., 6.1, PGI (LP-7)	001	DM	70	P	D005	D004
X	(6) UN1759 Waste Corrosive Solid, N.O.S., 8, UN1759, PGI (LP-6) Liquid, Acetic, Inorganic	001	DM	80	P	D002	D007
X	(7) UN2031 Waste Nitric Acid, 8, PGI	001	DF	8	P	D002	
X	(8) UN2734 Waste Acetic Acid, Glacial, 8(3), PGI (Not Shipped)	000		0			
X	(9) UN1993 Waste Flammable Liquid, N.O.S., 3, PGI (loose pack) (Not Shipped)	000	DM	90	P	D001	
	(10) NON DOT / NON RCRA Solid (loose pack)	001	DF	300	P	N/A	

32. Special Handling Instructions and Additional Information

33. Transporter Acknowledgment of Receipt of Materials
Printed/Typed Name

Signature

34. Transporter Acknowledgment of Receipt of Materials
Printed/Typed Name

Signature

Month Day Year

Month Day Year

35. Discrepancy

36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number CE3AG		2. Page 1 of 2		3. Emergency Response Phone (610) 368-9170		4. Manifest Tracking Number 005616954 FLE			
		5. Generator's Name and Mailing Address St. Huberts Catholic High School 7320 Torresdale Ave; Philadelphia PA 19136								Generator's Site Address (if different than mailing address)	
Generator's Phone:		6. Transporter 1 Company Name Maunox Express, Inc.						U.S. EPA ID Number NJD986607380			
		7. Transporter 2 Company Name						U.S. EPA ID Number			
		8. Designated Facility Name and Site Address Cycle Chem, Inc. 550 Industrial Drive; Lewisberry, PA 17339						U.S. EPA ID Number PAD067098822			
Facility's Phone:		717-938-4700									
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes					
		No.	Type								
X	UNIQAS RA Waste Flammable Liquid, Nos. 3, PG II (COOK RACK)	001	DM	40	P	D001					
14. Special Handling Instructions and Additional Information											
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.											
Generator's/Offereor's Printed/Typed Name Patricia Kubach						Signature <i>Patricia Kubach</i>		Month Day Year 08 08 12			
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____											
17. Transporter Acknowledgment of Receipt of Materials											
Transporter 1 Printed/Typed Name						Signature		Month Day Year			
Transporter 2 Printed/Typed Name						Signature		Month Day Year			
18. Discrepancy											
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection											
Manifest Reference Number: _____ U.S. EPA ID Number: _____											
18b. Alternate Facility (or Generator)											
Facility's Phone:						Signature		Month Day Year			
18c. Signature of Alternate Facility (or Generator)											
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)											
1. _____			2. _____			3. _____			4. _____		
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a											
Printed/Typed Name						Signature		Month Day Year			

DISPOSAL CODE: _____ LAB CODE: _____

GENERATOR: St Hubert Catholic High School
7320 Torresdale Ave
Philadelphia, PA 19136

D.O.T. PROPER SHIPPING NAME: Waste Toxic Solid, Inorganic

HAZARD CLASS: 6.1 PG II

EPA ID NO.: _____

E.P.A. WASTE TYPE CODE: D005, U144, D007, D008 UN/NA: UN3280

MANIFEST NO.: _____

DRUM NO.: 7 CONTAINER: SDP

PAGE 1 OF 1 DATE _____

QUANTITY	DESCRIPTION OF MATERIAL
2 x 1 ^{lb}	Ammonium Thiocyanate "
1 x 1/4 ^{lb}	Antimony
1 x 1 ^{lb}	Barium Sulfate D005
1 x 1/2 ^{lb}	Cadmium
1 x 1 ^{lb}	Cadmium Chloride
4 x 1/4 ^{lb}	Cadmium Sulfate "" D006
1 x 1 ^{lb}	Calcium Fluoride
1 x pt	Chloroform U044/D002
1 x 1/4 ^{lb}	Chromium Acetate D007
1 x 1 ^{lb}	Chromium Chloride D007
2 x 1 ^{lb}	Lead Acetate "" U144/D008
1 x 1 ^{lb}	Lead Carbonate
1 x 1 ^{lb}	Lead Chloride
3 x 1 ^{lb}	Lead Sulfide ""
1 x 1/2 ^{lb}	Nicotine P075
2 x 1 ^{lb}	Potassium Ferricyanide "
1 x 1/4 ^{lb}	Potassium Fluoride
1 x 1 ^{lb}	Potassium Thiocyanate
1 x 1/4 ^{lb}	Silver Acetate D011
1 x 1/8 ^{lb}	Silver Chloride
1 x 1/8 ^{lb}	Sodium Thiocyanate
TOTAL WEIGHT:	

GENERATOR: St Hubert Catholic High School
7320 Torresdale Ave
Philadelphia, PA 19126

EPA ID NO.: _____

MANIFEST NO.: _____

DRUM NO.: 10 CONTAINER: 30DF

DISPOSAL CODE: _____ LAB CODE: _____

D.O.T. PROPER SHIPPING NAME: Waste Oxidizing Solid, No

HAZARD CLASS: 5.1 PG II

E.P.A. WASTE TYPE CODE: D001, D005, D008, D011 UN/NA: UN1479

PAGE 1 OF 1 DATE _____

QUANTITY	DESCRIPTION OF MATERIAL
<u>2 x 2"</u>	<u>Barium Nitrate "</u> <u>D005</u>
<u>1 x 1"</u>	<u>Barium Peroxide</u>
<u>1 x 1"</u>	<u>Bismuth Nitrate</u>
<u>2 x 1#</u>	<u>Cadmium Nitrate "</u> <u>D006</u>
<u>1 x 1"</u>	<u>Calcium Nitrate</u>
<u>2 x 1"</u>	<u>Cobalt Nitrate "</u>
<u>1 x 5#</u>	<u>Cupric Nitrate</u>
<u>2 x 1/4#</u>	<u>Ferric Nitrate "</u>
<u>1 x 1"</u>	<u>Lead Dioxide</u> <u>D008</u>
<u>2 x 5#</u>	<u>Lead Nitrate "</u>
<u>2 x 1"</u>	<u>Lead Dioxide "</u>
<u>2 x 1"</u>	<u>Lithium Nitrate "</u>
<u>1 x 1"</u>	<u>Magnesium Nitrate</u>
<u>1 x 5#</u>	<u>Manganese Dioxide</u>
<u>1 x 1/4#</u>	<u>Nickel Nitrate</u>
<u>1 x 5#</u>	<u>Potassium Chlorate</u>
<u>1 x 5#</u>	<u>Potassium Chromate</u> <u>D007</u>
<u>1 x 1"</u>	<u>Potassium Chromate</u>
<u>3 x 1/2#</u>	<u>Potassium Iodate "</u>
<u>1 x 5#</u>	<u>Potassium Nitrate</u>
<u>1 x 1"</u>	<u>Potassium permanganate</u>
<u>1 x 1/4#</u>	<u>Silver Nitrate</u> <u>D011</u>
<u>2 x 5#</u>	<u>Sodium Nitrate "</u>
<u>1 x 1"</u>	<u>Sodium Nitrite</u>
<u>2 x 1"</u>	<u>Sodium Peroxide "</u>
<u>2 x 1"</u>	<u>Strontium Nitrate "</u>
TOTAL WEIGHT:	

Cycle Chem, Inc

550 Industrial Drive Lewisberry PA 17339 PHONE: 717-938-4700, FAX:
717-938-3301

Land Disposal Restriction Notification and Certification Form

Generator: ~~Radnor High School~~ St. Ann's
EPAID: CESQG

Manifest Tracking Number: 82074
Manifest Document Number: 009587265JJK

The EPA hazardous wastes identified below must be treated to the applicable treatment standards Set forth In 40 CFR 268.40.

EPA Waste Code Information

Manifest Line	Waste-water?	EPA Codes
Page 1 Line 1	No	D001 (Ignitable characteristic wastes subcategory, other than high TOC ignitable liquids)
Page 1 Line 2	No	D001 (Ignitable characteristic wastes subcategory, other than high TOC ignitable liquids)
Page 1 Line 3	No	D001 (Ignitable characteristic wastes subcategory, other than high TOC ignitable liquids)
Page 1 Line 4	No	D007, D008 (Lead non-battery subcategory), D011, D019, U144, U210, U226, U227
Page 2 Line 1	No	D001 (Ignitable characteristic wastes subcategory, other than high TOC ignitable liquids), D003 (Water reactive subcategory)
Page 2 Line 2	No	D005, D007, D008 (Lead non-battery subcategory)
Page 2 Line 3	No	D001 (High TOC ignitable liquids subcategory), U057, U117, U220
Page 2 Line 4	No	D001 (Ignitable characteristic wastes subcategory, other than high TOC ignitable liquids)
Page 2 Line 5	No	D001 (Ignitable characteristic wastes subcategory, other than high TOC ignitable liquids), D003 (Other reactive subcategory)
Page 2 Line 6	No	D009 (Low mercury [<260 PPM total mercury] subcategory)
Page 2 Line 7	No	D002, U134
Page 2 Line 8	No	D001 (High TOC ignitable liquids subcategory), D002
Page 2 Line 9	No	D009 (Low mercury [<260 PPM total mercury] subcategory)
Page 2 Line 10	No	D002

Underlying Hazardous Constituents

(None present unless identified below.)

Manifest Line	Constituents
---------------	--------------

I certify that all information submitted On this Land Disposal Restriction and Certification Form is accurate and complete, to the best of my knowledge and information.

Signature: Patricia Kubach

Name: Patricia Kubach

Title: Science Chairperson

Date: 8-8-12

Baker

Michael Baker Jr., Inc.
ATTACHMENT R
Trinity High School



**2012 Chemical Cleanout
Trinity High School
Work Log
August 2, 2012**

10:30 – 11:00 Michael Arthur (MA), representative of Michael Baker Jr., Inc. (Baker), John Morsberger (JM) and Andy Perrin (AP), representatives of Green Industries (GI), the disposal contractor, and CleanVenture/Cycle Chem (CVCC), the waste hauler, traveled from Cumberland Valley Area High School to Trinity High School, located in Lower Allen Township, PA.

Kevin Beer and Shannon Thurstin, representatives of the Pennsylvania Department of Environmental Protection (PADEP), arrived at the work site to observe the chemical disposal procedures.

MA and JM met with Linda Piscioneri (LP), Chemistry and Physics Teacher at the school, discussed the project, and proceeded to Room 105 where the surplus chemicals for disposal were previously placed by Trinity High School personnel. LP identified and confirmed which of the chemicals present in Room 105 were for disposal.

11:20 GI began chemical segregation, chemical inventory/record keeping, and placement of the segregated chemicals into properly labeled disposal containers. .

11:40 GI completed placing segregated chemicals into properly labeled disposal containers.

GI transported the disposal containers from Room 105 to the waste hauler truck.

12:00 CVCC completed loading the truck with the disposal containers.

LP signed waste manifests and was given documentation of chemical disposal for school records.

MA conducted a visual inspection of the site to confirm proper clean up and that the area worked in by GI and CVCC was left free of any sign of the chemical disposal process.

Baker, GI, and CVCC departed the work site.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Trinity High School – Chemical Cleanout Project

PHOTOGRAPH 1	
DATE August 2, 2012	
LOCATION 3601 Simpson Ferry Road Camp Hill, PA	
PHOTOGRAPHS BY Baker	

Comments: Room 105 where surplus chemicals were placed for disposal by Trinity High School.

PHOTOGRAPH 2	
DATE August 2, 2012	
LOCATION 3601 Simpson Ferry Road Camp Hill, PA	
PHOTOGRAPHS BY Baker	

Comments: Disposal contractor (Green Industries) separating and segregating chemicals for disposal.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Trinity High School – Chemical Cleanout Project

PHOTOGRAPH
3

DATE
August 2, 2012

LOCATION
**3601 Simpson Ferry Road
Camp Hill, PA**

PHOTOGRAPHS
BY
Baker



Comments: Disposal contractor (Green Industries) adding a spill absorbent (vermiculite) to a 5-gallon disposal container.

PHOTOGRAPH
4

DATE
August 1, 2012

DATE
August 2, 2012

LOCATION
**3601 Simpson Ferry Road
Camp Hill, PA**



Comments: Disposal contractor (Green Industries) doing inventory and record keeping of chemicals for disposal.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Trinity High School – Chemical Cleanout Project

PHOTOGRAPH
5

DATE
August 2, 2012

LOCATION
**3601 Simpson Ferry Road
Camp Hill, PA**

PHOTOGRAPHS
BY
Baker



Comments: Disposal contractor (Green Industries) loading a 15-gallon disposal container with toxic solids.

PHOTOGRAPH
6

DATE
August 2, 2012

LOCATION
**3601 Simpson Ferry Road
Camp Hill, PA**

PHOTOGRAPHS
BY
Baker



Comments: Disposal contractor (Green Industries) loading a 5-gallon disposal container with organic acids.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Trinity High School – Chemical Cleanout Project

PHOTOGRAPH 7	
DATE August 2, 2012	
LOCATION 3601 Simpson Ferry Road Camp Hill, PA	
PHOTOGRAPHS BY Baker	

Comments: Disposal container loaded with flammable liquids and a spill absorbent (vermiculite).

PHOTOGRAPH 8	
DATE August 2, 2012	
LOCATION 3601 Simpson Ferry Road Camp Hill, PA	
PHOTOGRAPHS BY Baker	

Comments: Hazardous Material and Non-hazardous labels on 5-gallon disposal containers.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Trinity High School – Chemical Cleanout Project

PHOTOGRAPH 9	
DATE August 2, 2012	
LOCATION 3601 Simpson Ferry Road Camp Hill, PA	
PHOTOGRAPHS BY Baker	

Comments: Disposal contractor (Green Industries) transporting disposal containers from Room 105 to the disposal truck.

PHOTOGRAPH 10	
DATE August 2, 2012	
LOCATION 3601 Simpson Ferry Road Camp Hill, PA	
PHOTOGRAPHS BY Baker	

Comments: Segregated hazardous waste containers in the disposal truck.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Trinity High School – Chemical Cleanout Project

<p>PHOTOGRAPH 11</p>	
<p>DATE August 2, 2012</p>	
<p>LOCATION 3601 Simpson Ferry Road Camp Hill, PA</p>	
<p>PHOTOGRAPHS BY Baker</p>	

Comments: Hazardous waste disposal truck (CleanVenture/Cycle Chem).

<p>PHOTOGRAPH 12</p>	
<p>DATE August 2, 2012</p>	
<p>LOCATION 3601 Simpson Ferry Road Camp Hill, PA</p>	
<p>PHOTOGRAPHS BY Baker</p>	

Comments: Room 105 after chemicals for disposal were removed by disposal contractor (Green Industries).

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Trinity High School – Chemical Cleanout Project

PHOTOGRAPH 13
DATE August 2, 2012
LOCATION 3601 Simpson Ferry Road Camp Hill, PA
PHOTOGRAPHS BY Baker



Comments: Hazardous waste disposal truck (CleanVenture/Cycle Chem).

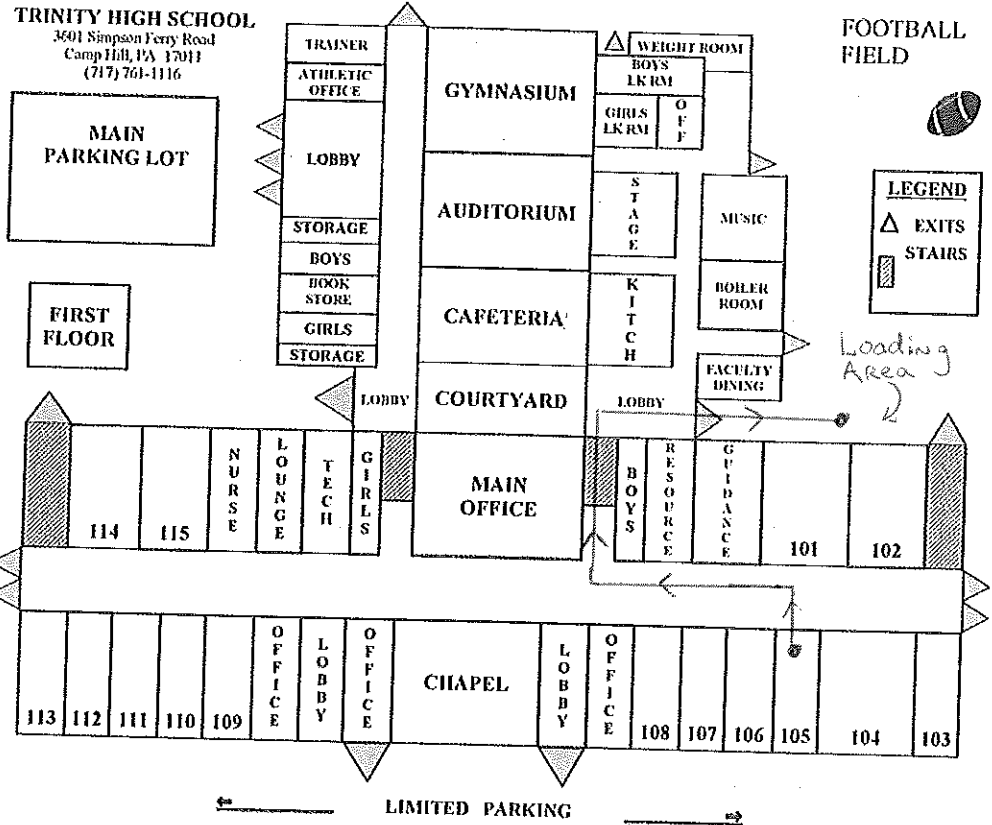
PHOTOGRAPH 14
DATE August 2, 2012
LOCATION 3601 Simpson Ferry Road Camp Hill, PA
PHOTOGRAPHS BY Baker



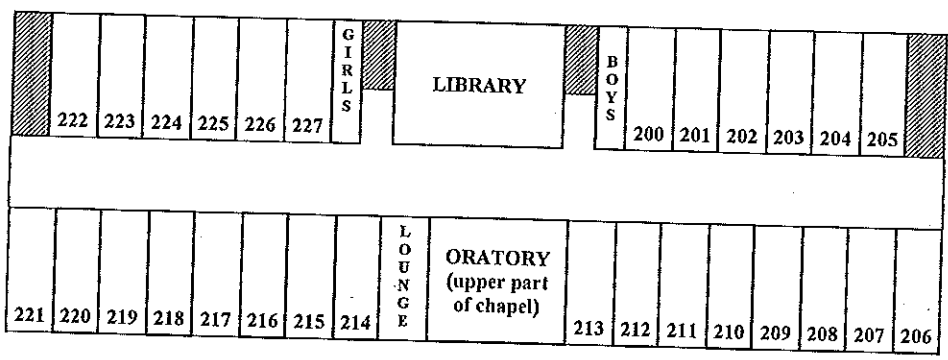
Comments: Segregated hazardous waste containers in the disposal truck.

TRINITY HIGH SCHOOL
 3601 Simpson Ferry Road
 Camp Hill, PA 17011
 (717) 761-1116

FOOTBALL FIELD

SECOND FLOOR



UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number PAD120541008	2. Page 1 of 3	3. Emergency Response Phone (410) 360-9170	4. Manifest Tracking Number 009587186 JJK		
5. Generator's Name and Mailing Address TRINITY HIGH SCHOOL 3001 SIMPSON FERRY ROAD CAMP HILL, PA 17011 Generator's Phone: 717-761-1116			Generator's Site Address (if different than mailing address) SAME				
6. Transporter 1 Company Name CLEAN VENTURE INC.				U.S. EPA ID Number NJ0000067193			
7. Transporter 2 Company Name				U.S. EPA ID Number			
8. Designated Facility Name and Site Address CYCLE CHEM. INC. 550 INDUSTRIAL DRIVE LEWISBERRY, PA 17329 Facility's Phone: (717) 930-4700				U.S. EPA ID Number PAD067090882			
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt/Vol.	13. Waste Codes	
		No.	Type				
X1	UN1993 WASTE FLAMMABLE LIQUIDS, N.O.S. (ALCOHOLS AND MINERAL SPIRITS) 3 PG II ERG# 12	001	DF	70	P	D001	
	2. NON DOT / NON RCRA REGULATED SOLIDS	001	DF	40	P	NONE	
X3	UN1715 WASTE ACETIC ANHYDRIDE 8 (3) PG II ERG# 12	001	DF	4	P	D001	D002
X4	UN3264 WASTE CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (D002 D005) 8 PG II ERG# 15	001	DF	20	P	D002	D005
14. Special Handling Instructions and Additional Information 719939/GRE/545450/81068 (1)SDEM-A FLAMMABLE LIQUIDS LOOSE PACK (2)AC-B NON HAZARDOUS SOLIDS - LOOSE PACK (3)UOR-4 1 (4)UNH-3 2 E 11153 pg 3 line 5							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offeror's Printed/Typed Name Linda L. Piscione					Signature <i>[Signature]</i>	Month Day Year 08/02/12	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____ Transporter signature (for exports only): _____							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name JASON TROUTMAN					Signature <i>[Signature]</i>	Month Day Year 08/02/12	
Transporter 2 Printed/Typed Name					Signature	Month Day Year	
18. Discrepancy							
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Manifest Reference Number: _____							
18b. Alternate Facility (or Generator)					U.S. EPA ID Number		
Facility's Phone: _____							
18c. Signature of Alternate Facility (or Generator)					Month Day Year		
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. H141		2.		3. H141		4. H141	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name					Signature	Month Day Year	

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator ID Number PA0120541000	22. Page 2 of 2	23. Manifest Tracking Number 009507186JK				
24. Generator's Name TRINITY HIGH SCHOOL 3601 SIMPSON FERRY ROAD CAMP HILL, PA 17011								
25. Transporter _____ Company Name			U.S. EPA ID Number					
26. Transporter _____ Company Name			U.S. EPA ID Number					
27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers		29. Total Quantity	30. Unit Wt/Vol.	31. Waste Codes		
		No.	Type					
X	(1) UN1479 WASTE OXIDIZING SOLID, N.O.S. (D001 D007) 5.1 PG II ERG# 140	001	DF	25	P	D001	D007	
X	(2) UN2013 WASTE WATER-REACTIVE SOLID, N.O.S. (D001 D003) 4.3 PG II ERG# 138	001	DF	6	P	D001	D003	
X	(3) UN3208 WASTE TOXIC SOLID, INORGANIC, N.O.S. (U072 U144 U188 U190 U218 D005) 6.1 PG II ERG# 151	001	DF	30	P	U072	U144	U188
X	(4) UN1744 WASTE BROMINE POISON-INHALATION HAZARD ZONE A 8 (6.1) PG I <i>(Not Shipped)</i> ERG# 154	000		0		D002		
X	(5) UN1325 FLAMMABLE SOLIDS, ORGANIC, N.O.S. (NONE) 4.1 PG II ERG# 133	001	DF	2	P	NONE		
X	(6) UN2735 WASTE AMINES, LIQUID, CORROSIVE, N.O.S. OR POLYAMINES, LIQUID CORROSIVE, N.O.S. (D002) 8 PG II <i>(Not Shipped)</i> ERG# 153	000		0		D002		
X	(7) UN2265 WASTE CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (U123 D002) 8 PG II ERG# 153	001	DF	4	P	U123	D002	
X	(8) UN2789 WASTE ACETIC ACID, GLACIAL OR ACETIC ACID SOLUTION, WITH MORE THAN 80 PERCENT ACID, BY MASS 8 (3) PG II ERG# 154	001	DF	15	P	D001	D002	
X	(9) UN3264 WASTE CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (D002 D003) 8 PG II ERG# 154	001	DF	25	P	D002	D003	
X	(10) UN2025 WASTE MERCURY COMPOUNDS, SOLID, N.O.S. (D009) 6.1 PG II ERG# 151	001	DF	8	P	D009		
32. Special Handling Instructions and Additional Information 719939/GR/545450/81068 ; ERG# 132 (1) SYOL-5 3 (2) COED WM-7 4 (3) VRA6-8 5 (4) PIN-9 6 (5) VRA4-10 7 (6) UAM-11 8 (7) UQA-12 9 (8) UQA-13 10 (9) UV1/R-1 4 11 (10) SYHG-15 12								
33. Transporter Acknowledgment of Receipt of Materials								
Printed/Typed Name			Signature		Month Day Year			
34. Transporter Acknowledgment of Receipt of Materials								
Printed/Typed Name			Signature		Month Day Year			
35. Discrepancy								
36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)								
H141		H141		H141				
H141		H141		H141				

GENERATOR

TRANSPORTER

DESIGNATED FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator ID Number PAD120541008	22. Page 3 of 3	23. Manifest Tracking Number 009507186JJK			
24. Generator's Name TRINITY HIGH SCHOOL 3601 SIMPSON FERRY ROAD CAMP HILL, PA 17011							
25. Transporter _____ Company Name				U.S. EPA ID Number			
26. Transporter _____ Company Name				U.S. EPA ID Number			
27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers		29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes	
		No.	Type				
X	(1) UN2809 WASTE MERCURY 8 PG III <i>(Not Shipped)</i> ERG# 178	0		0		D009	
X	(2) UN2031 WASTE NITRIC ACID OTHER THAN RED FUMING, WITH NOT MORE THAN 20 PERCENT NITRIC ACID 8 PG II ERG# 157	001	DF	8	P	D002	
X	(3) UN1873 WASTE PERCHLORIC ACID WITH MORE THAN 50 PERCENT BUT NOT MORE THAN 72 PERCENT ACID, BY MASS 5.1 (8) PG I ERG# 143	001	DF	2	P	D001	D002
X	(4) UN1807 WASTE PHOSPHORUS PENTOXIDE 8 PG II ERG# 137	001	DF	1	P	D002	
X	(5) UN1381 WASTE PHOSPHORUS, WHITE DRY OR PHOSPHORUS, WHITE, UNDER WATER OR PHOSPHORUS WHITE, IN SOLUTION 0 4.2 (6.1) PG I	001	DF	3	P	D001	D003
X	(6) UN1600 WASTE POTASSIUM CYANIDE, SOLID 6.1 PG I ERG# 157	001	DF	2	P	D000	D003
X	(7) UN1609 WASTE SODIUM CYANIDE, SOLID 6.1 PG I ERG# 157	001	DF	2	P	P106	D003
X	(8) UN1849 WASTE SODIUM SULFIDE, HYDRATED WITH NOT LESS THAN 30 PERCENT WATER 8 PG II ERG# 153	001	DF	2	P	D002	
32. Special Handling Instructions and Additional Information 719939/GRE/545450/81068 ; ERG# 136 (1)MD-16 13 (2)UOXA-17 14 (3)VRAS-18 15 (4)VRAB-19 16 (5)PYRD-20 17 (6)CN-21 18 (7)CN-22 19 (8)VRABD-23 20							
33. Transporter _____ Acknowledgment of Receipt of Materials		Signature		Month	Day	Year	
34. Transporter _____ Acknowledgment of Receipt of Materials		Signature		Month	Day	Year	
35. Discrepancy							
36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
H141		H141		H141		H141	
H141		H141		H141		H141	

GENERATOR

TRANSPORTER

DESIGNATED FACILITY

GENERATOR: Trinity High School
3601 Simpson Ferry Rd
Camp Hill, PA 17011

EPA ID NO.: _____

MANIFEST NO.: _____

DRUM NO.: 3 CONTAINER: SDF

DISPOSAL CODE: STOL LAB CODE: _____

D.O.T. PROPER SHIPPING NAME: Waste ~~Corrosive~~ Oxidizing Solid

HAZARD CLASS: 5.1 PG II

E.P.A. WASTE TYPE CODE: D001, D007 UN/NA: UN1479

PAGE 1 OF 1 DATE _____

QUANTITY	DESCRIPTION OF MATERIAL	
1 x 1"	Aluminum Nitrate	
1 x 1"	Ammonium Dichromate	D007
2 x 1"	Ammonium Nitrate "	
1 x 1"	Chromium Trioxide	D007
1 x 1"	Manganese Dioxide	
1 x 1"	Potassium Chlorate	
2 x 1"	Potassium Chromate "	D007
1 x 1"	Potassium Permanganate	
2 x 1"	Potassium Persulfate "	
2 x 1"	Sodium Chromate "	D007

TOTAL WEIGHT: _____

GENERATOR:

Trinity High School
3601 Simpson Ferry Rd
Camp Hill, PA 17011

EPA ID NO.:

MANIFEST NO.:

DRUM NO.:

7

CONTAINER:

DISPOSAL CODE:

VR44

LAB CODE:

D.O.T. PROPER

SHIPPING NAME:

Flammable Solid, NOS

HAZARD CLASS:

4.1

PG

III

E.P.A. WASTE

TYPE CODE:

N/A

UN/NA:

UN1325

PAGE

1

OF

1

DATE

11/11/11

QUANTITY

DESCRIPTION OF MATERIAL

1 x 100
1 x 1/2 #

Camphor
2,4-Dinitro phenol, wetted

TOTAL WEIGHT:

Cycle Chem, Inc

550 Industrial Drive Lewisberry PA 17339 PHONE: 717-938-4700, FAX:
717-938-3301

Land Disposal Restriction Notification and Certification Form

Generator: TRINITY HIGH SCHOOL
EPAID: PAD120541008

Manifest Tracking Number: 81868
Manifest Document Number: 009587186JJK

The EPA hazardous wastes identified below must be treated to the applicable treatment standards Set forth In 40 CFR 268.40.

EPA Waste Code Information

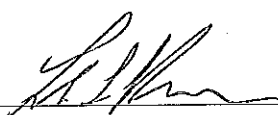
Manifest Line	Waste-water?	EPACodes
Page 1 Line 1	No	D001 (High TOC ignitable liquids subcategory)
Page 1 Line 2	No	RCRA non-hazardous
Page 1 Line 3	No	D001 (High TOC ignitable liquids subcategory), D002
Page 1 Line 4	No	D002, D005
Page 2 Line 1	No	D001 (Ignitable characteristic wastes subcategory , other than high TOC ignitable liquids), D007
Page 2 Line 2	No	D001 (Ignitable characteristic wastes subcategory , other than high TOC ignitable liquids), D003 (Water reactive subcategory)
Page 2 Line 3	No	D005, D007, D008 (Lead non-battery subcategory), D011, D027, U072, U144, U188, U190, U218
Page 2 Line 4	No	D002
Page 2 Line 5	No	RCRA non-hazardous
Page 2 Line 6	No	D002
Page 2 Line 7	No	D002, U123
Page 2 Line 8	No	D001 (High TOC ignitable liquids subcategory), D002
Page 2 Line 9	No	D002, D003 (Water reactive subcategory)
Page 2 Line 10	No	D009 (Low mercury [<260PPM total mercury] subcategory)
Page 3 Line 1	No	D009 (Low mercury [<260PPM total mercury] subcategory)
Page 3 Line 2	No	D002
Page 3 Line 3	No	D001 (Ignitable characteristic wastes subcategory , other than high TOC ignitable liquids), D002
Page 3 Line 4	No	D002
Page 3 Line 5	No	D001 (Ignitable characteristic wastes subcategory , other than high TOC ignitable liquids), D003 (Other reactive subcategory)
Page 3 Line 6	No	D003 (Other reactive subcategory), P098
Page 3 Line 7	No	D003 (Other reactive subcategory), P106
Page 3 Line 8	No	D002

Underlying Hazardous Constituents

(None present unless identified below.)

Manifest Line	Constituents

I certify that all information submitted On this Land Disposal Restriction and Certification Form is accurate and complete, to the best of my knowledge and information.

Signature: 

Name: Linda L. Piscione

Title: _____

Date: _____

Baker

Michael Baker Jr., Inc.
ATTACHMENT S

Upper Dauphin Area High School



**2012 Chemical Cleanout
Upper Dauphin Area High School
Work Log
August 1 and 2, 2012**

- 8/1**
10:00 – 10:15 Michael Arthur (MA), representative of Michael Baker Jr., Inc. (Baker), and John Morsberger (JM), representative of Green Industries (GI), the disposal contractor, traveled from Line Mountain Senior High School to Upper Dauphin Area High School, located in Washington Township, PA.
- MA and JM met with Jesse Heath (JH), Physics Teacher at the school, discussed the project, and proceeded to Room 215 and Room 327 where the surplus chemicals for disposal were previously placed by Upper Dauphin Senior High School personnel. JH identified and confirmed which of the chemicals present in Rooms 215 and 327 were for disposal.
- 10:30 GI transported the chemicals for disposal in Room 327 to Room 215 for segregation.
GI began segregating the chemicals for disposal.
- 10:45 GI completed chemical segregation, began chemical inventory/record keeping, and also began placement of the segregated chemicals into properly labeled disposal containers.
- 11:00 Kevin Beer and Shannon Thurstin, representatives of the Pennsylvania Department of Environmental Protection (PADEP), arrived at the work site to observe the chemical disposal procedures.
- 11:15 GI completed placement of the segregated chemicals into properly labeled disposal containers.
GI transported the disposal containers to the Cafeteria Storage Room for overnight storage, as CleanVenture/Cycle Chem (CVCC), the waste hauler, was due the following day (8/2/12) for removal of the disposal containers.
- 11:30 MA conducted a visual inspection of the site to confirm proper clean up.
Baker, PADEP, and GI departed the work site.
- 8/2**
08:15 – 08:30 MA and CleanVenture/Cycle Chem (CVCC), the waste hauler, traveled from Line Mountain Senior High School to Upper Dauphin Area High School, located in Washington Township, PA.
- David Geanette (DG), High School Principal, escorted MA to the Cafeteria Storage Room where the chemical disposal containers were stored overnight.
- CVCC began transporting the disposal containers from the Cafeteria Storage Room into the waste hauler truck.
- 09:00 CVCC completed loading the truck with the disposal containers.
DG signed waste manifests and was given documentation of chemical disposal for school records.
MA conducted a visual inspection of the site to confirm proper clean up and that the area worked in by GI and CVCC was left free of any sign of the chemical disposal process.
Baker and CVCC departed the work site.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Upper Dauphin Area High School – Chemical Clean-up Project

PHOTOGRAPH

1

DATE

August 1, 2012

LOCATION

220 North Church Street
Elizabethville, PA

PHOTOGRAPHS
BY

Baker



Comments: Room 215 where surplus chemicals were placed for disposal by Upper Dauphin Area High School.

PHOTOGRAPH

2

DATE

August 1, 2012

LOCATION

220 North Church Street
Elizabethville, PA

PHOTOGRAPHS
BY

Baker



Comments: Room 215 where surplus chemicals were placed for disposal by Upper Dauphin Area High School.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Upper Dauphin Area High School – Chemical Clean-up Project

PHOTOGRAPH

3

DATE

August 1, 2012

LOCATION

**220 North Church Street
Elizabethville, PA**

PHOTOGRAPHS
BY

Baker



Comments: Disposal contractor (Green Industries) separating and segregating chemicals for disposal.

PHOTOGRAPH

4

DATE

August 1, 2012

LOCATION

**220 North Church Street
Elizabethville, PA**

PHOTOGRAPHS
BY

Baker



Comments: Kevin Beer (PADEP), observing chemical cleanout procedures.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Upper Dauphin Area High School – Chemical Clean-up Project

PHOTOGRAPH

5

DATE

August 1, 2012

LOCATION

**220 North Church Street
Elizabethville, PA**

PHOTOGRAPHS
BY

Baker



Comments: Disposal contractor (Green Industries) loading a 30-gallon disposal container with inorganic acids.

PHOTOGRAPH

6

DATE

August 1, 2012

LOCATION

**220 North Church Street
Elizabethville, PA**

PHOTOGRAPHS
BY

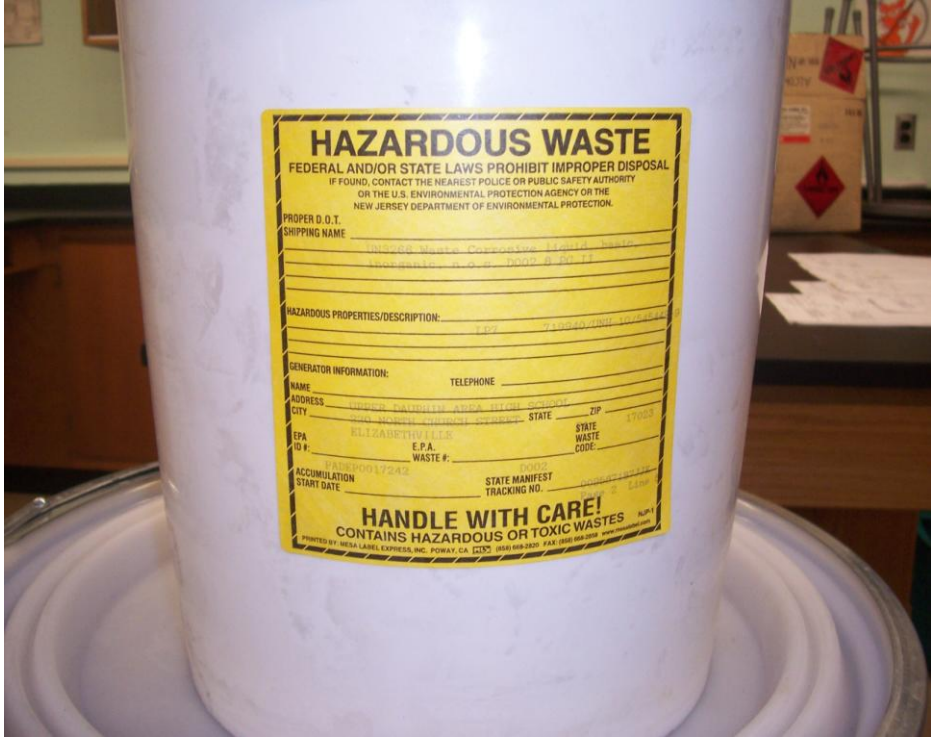
Baker



Comments: Disposal contractor (Green Industries) adding a spill absorbent (vermiculite) to a 5-gallon disposal container.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Upper Dauphin Area High School – Chemical Clean-up Project

PHOTOGRAPH 7	
DATE August 1, 2012	
LOCATION 220 North Church Street Elizabethville, PA	
PHOTOGRAPHS BY Baker	

Comments: Hazardous Material label on 5-gallon disposal container.

PHOTOGRAPH 8	
DATE August 1, 2012	
LOCATION 220 North Church Street Elizabethville, PA	
PHOTOGRAPHS BY Baker	

Comments: Disposal contractor (Green Industries) transporting disposal containers from room 215 to the overnight staging area in the cafeteria Storage Closet.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Upper Dauphin Area High School – Chemical Clean-up Project

PHOTOGRAPH 9
DATE August 1, 2012
LOCATION 220 North Church Street Elizabethville, PA
PHOTOGRAPHS BY Baker



Comments: Jesse Heath (Upper Dauphin Physics Teacher) prepares to sign a waste manifest shipping record as Kevin Beer (PADEP) looks on.

PHOTOGRAPH 10
DATE August 2, 2012
LOCATION 220 North Church Street Elizabethville, PA
PHOTOGRAPHS BY Baker



Comments: Waste hauler (CleanVenture / Cycle Chem) transporting disposal container from the overnight staging area in the Cafeteria Storage Room to the disposal truck.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Upper Dauphin Area High School – Chemical Clean-up Project

PHOTOGRAPH 11	
DATE August 2, 2012	
LOCATION 220 North Church Street Elizabethville, PA	
PHOTOGRAPHS BY Baker	

Comments: Hazardous waste disposal truck (CleanVenture/Cycle Chem).

PHOTOGRAPH 12	
DATE August 2, 2012	
LOCATION 220 North Church Street Elizabethville, PA	
PHOTOGRAPHS BY Baker	

Comments: Waste hauler (CleanVenture / Cycle Chem) loading disposal containers into the disposal truck.



Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Upper Dauphin Area High School – Chemical Clean-up Project

PHOTOGRAPH
13

DATE
August 2, 2012

LOCATION
**220 North Church Street
Elizabethville, PA**

PHOTOGRAPHS
BY
Baker



Comments: David Geanette (School Principal) receives copy of waste manifest shipping record from CleanVenture/Cycle Chem's waste hauler truck operator.

PHOTOGRAPH
14

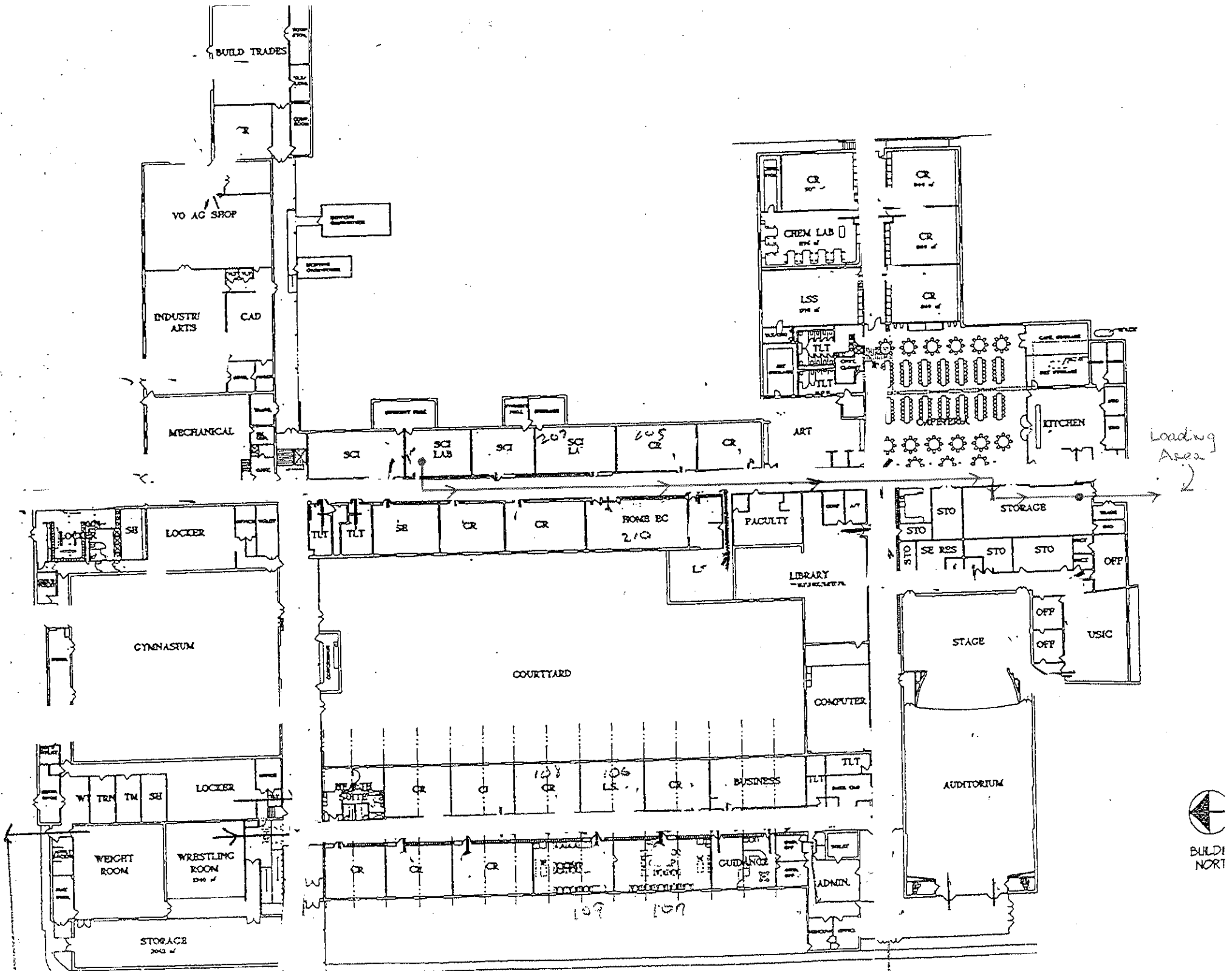
DATE
August 2, 2012

LOCATION
**220 North Church Street
Elizabethville, PA**

PHOTOGRAPHS
BY
Baker



Comments: Room 215 Storage Room after surplus chemicals were removed by the disposal contractor (Green Industries).



BUILD
NORT

FORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number PADEP001724E	2. Page 1 of 2	3. Emergency Response Phone (410) 360-9170	4. Manifest Tracking Number 009587187 JJK
--------------------------------------	--	-------------------	---	---

Generator's Name and Mailing Address: UPPER DAUPHIN AREA HIGH SCHOOL
320 NORTH CHURCH STREET
ELIZABETHVILLE, PA 17033
Generator's Site Address (if different than mailing address): SAME
Generator's Phone: 717-362-8181

Transporter 1 Company Name CLEAN VENTURE INC.	U.S. EPA ID Number NJ0000027193
Transporter 2 Company Name	U.S. EPA ID Number

Designated Facility Name and Site Address: CYCLE CHEM. INC.
350 INDUSTRIAL DRIVE
LEWISBERRY, PA 17339
Facility's Phone: (717) 930-4700
U.S. EPA ID Number: PA0067090882

9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
	No.	Type					
1. UN1993 WASTE FLAMMABLE LIQUIDS, N.O.S. (ALCOHOLS AND MINERAL SPIRITS) 3 PG II ERG# 12	001	DF	60	P	D001		
2. NON DOT / NON RCRA REGULATED SOLIDS	001	DF	20	P	NONE		
3. UN2031 WASTE NITRIC ACID OTHER THAN RED FUMING, WITH NOT MORE THAN 20 PERCENT NITRIC ACID 8 PG II ERG# 15	001	DF	22	P	D002		
4. UN3264 WASTE CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (U122 D002 D003) 8 PG II ERG# 15	001	DF	40	P	U122	D002	D003

Special Handling Instructions and Additional Information: 719940/GRE/545449/81869 (1)SD2M-A FLAMMABLE LIQUIDS LOOSE PACK (2)AC-B NON HAZARDOUS SOLIDS - LOOSE PACK (3)UQXA-4 1 (4)UV1/R-5 2

GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Officer's Printed/Typed Name: James J Heath
Signature: [Signature]
Month: Day: Year:

International Shipments: Import to U.S. Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____

Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

Discrepancy Indication Space: Quantity Type Residue Partial Rejection Full Rejection

Manifest Reference Number: _____ U.S. EPA ID Number: _____

Alternate Facility (or Generator): _____ U.S. EPA ID Number: _____

Facility's Phone: _____ Signature of Alternate Facility (or Generator): _____ Month: _____ Day: _____ Year: _____

Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)	2. H141	3. H141	4. H141
---	---------	---------	---------

Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Signature: _____ Month: _____ Day: _____ Year: _____

FORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)	21. Generator ID Number	22. Page	23. Manifest Tracking Number
	PADEP0017242	2 of 6	009507187JK

Generator's Name UPPER DAUPHIN AREA HIGH SCHOOL
 0 NORTH CHURCH STREET
 LIZETHVILLE, PA 17023

Transporter _____ Company Name U.S. EPA ID Number _____

Transporter _____ Company Name U.S. EPA ID Number _____

27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers		29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes		
	No.	Type					
(1) UN1715 WASTE ACETIC ANHYDRIDE 8 (3) PG II ERG# 137	001	DF	4	P	D001	D002	
(2) UN2789 WASTE ACETIC ACID, GLACIAL OR ACETIC ACID SOLUTION, WITH MORE THAN 80 PERCENT ACID, BY MASS 8 (3) PG II	001	DF	4	P	D001	D002	
(3) UN1992 WASTE FLAMMABLE LIQUIDS, TOXIC, N.O.S. (U044 U077 U210 D001 D007 D008) 3 (6.1) PG II ERG# 131	001	DF	20	P	U044	U077	U210
(4) UN2813 WASTE WATER-REACTIVE SOLID, N.O.S. (D001 D003) 4.3 PG II ERG# 130	001	DF	2	P	D001	D003	
(5) UN3266 WASTE CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (D002) 8 PG II ERG# 154	001	DF	4	P	D002		
(6) UN1479 WASTE OXIDIZING SOLID, N.O.S. (D001 D007) 5.1 PG II ERG# 140	001	DF	15	P	D001	D007	D002

Special Handling Instructions and Additional Information 719940/GRE/545449/81869 (ERG# 132 (1)U0A-6 3 (2)U0A-7 4 (3) R-8 5 (4)CCEDMW-3 6 (5)UNH-10 7 (6)STOL-11 8

Transporter Acknowledgment of Receipt of Materials
 /Typed Name Signature Month Day Year

Transporter Acknowledgment of Receipt of Materials
 /Typed Name Signature Month Day Year

Discrepancy

Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)				
H141	H141	H141	H141	H141
H141				

1395787

Cycle Chem, Inc

550 Industrial Drive Lewisberry PA 17339 PHONE: 717-938-4700, FAX:
717-938-3301

Land Disposal Restriction Notification and Certification Form

Generator: UPPER DAUPHIN AREA HIGH SCHOOL **Manifest Tracking Number:** 81869
EPAID: PADEP0017242 **Manifest Document Number:** 009587187JJK

The EPA hazardous wastes identified below must be treated to the applicable treatment standards Set forth In 40 CFR 268.40.

EPA Waste Code Information

Manifest Line	Waste-water?	EPA Codes
Page 1 Line 1	No	D001 (High TOC ignitable liquids subcategory)
Page 1 Line 2	No	RCRA non-hazardous
Page 1 Line 3	No	D002
Page 1 Line 4	No	D002, D003 (Water reactive subcategory), U122
Page 2 Line 1	No	D001 (High TOC ignitable liquids subcategory), D002
Page 2 Line 2	No	D001 (High TOC ignitable liquids subcategory), D002
Page 2 Line 3	No	D001 (High TOC ignitable liquids subcategory), D007, D008 (Lead non-battery subcategory), D011, D019, D022, D028, U044, U077, U210
Page 2 Line 4	No	D001 (Ignitable characteristic wastes subcategory, other than high TOC ignitable liquids), D003 (Water reactive subcategory)
Page 2 Line 5	No	D002
Page 2 Line 6	No	D001 (Ignitable characteristic wastes subcategory, other than high TOC ignitable liquids), D007

Underlying Hazardous Constituents

(None present unless identified below.)

Manifest Line	Constituents
---------------	--------------

I certify that all information submitted On this Land Disposal Restriction and Certification Form is accurate and complete, to the best of my knowledge and information.

Signature: Jesse J Heath

Name: Jesse Heath

Title: Physics Teacher

Date: 8-1-12

Baker

Michael Baker Jr., Inc.
ATTACHMENT T
Yough High School



**2012 Chemical Cleanout
Yough High School
Work Log
August 13 and 16, 2012**

- 8/13**
09:00 Michael Arthur (MA), representative of Michael Baker Jr., Inc. (Baker), and Andy Perrin (AP), representative of Green Industries (GI), the disposal contractor, traveled to Yough High School, located in Sewickley Township, PA.
- Kevin Beer, representing the Pennsylvania Department of Environmental Protection (PADEP), arrived at the work site to observe the chemical disposal procedures.
- MA and AP met with Jeanne Suehr (JS), Chemistry Teacher, discussed the project, and proceeded to Room 206's Storage Room where the surplus chemicals for disposal were previously placed by Yough High School personnel. JS identified and confirmed which of the chemicals present in Room 206's Storage Room were for disposal.
- 19:30 GI transported the chemicals for disposal from Room 206's Storage room to Room 206 for segregation.
- GI began segregating the chemicals for disposal.
- 10:15 GI began chemical inventory/record keeping and began placing segregated chemicals into properly labeled disposal containers.
- 11:30 GI completed placement of the segregated chemicals into properly labeled disposal containers.
- GI transported the disposal containers to Room 206's Storage Room for storage as CleanVenture/Cycle Chem (CVCC), the waste hauler, was due 8/16/12 for removal of the disposal containers.
- MA conducted a visual inspection of the site to confirm proper clean-up.
- Baker and GI departed the work site.
- 8/16**
11:10 – 12:30 MA and AP traveled from Penn Hills High School to Yough High School, located in Sewickley Township, PA.
- GI completes all chemical disposal associated paperwork.
- 13:00 Waste Hauler, CleanVenture/Cycle Chem (CVCC) had arrived on site.
- GI and CVCC began transporting the loaded disposal containers from Room 206's Storage Room to the disposal truck, and placing the loaded disposal containers into the waste hauler truck.
- 13:30 GI and CVCC completed loading the waste hauler truck.
- 13:45 JS signed waste manifests and was given documentation of chemical disposal for school records.
- MA conducted a visual inspection of the site to confirm proper clean up and that the area worked in by GI was left free of any sign of the chemical disposal process.
- Baker, GI, and CVCC departed the work site.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Yough High School – Chemical Cleanout Project

<p>PHOTOGRAPH 1</p>	
<p>DATE August 13, 2012</p>	
<p>LOCATION 919 Lowber Road Herminie, PA</p>	
<p>PHOTOGRAPHS BY Baker</p>	

Comments: Room 206's Storage Room where surplus chemicals were placed for disposal by Yough High School.

<p>PHOTOGRAPH 2</p>	
<p>DATE August 13, 2012</p>	
<p>LOCATION 919 Lowber Road Herminie, PA</p>	
<p>PHOTOGRAPHS BY Baker</p>	

Comments: Disposal contractor (Green Industries) separating and segregating chemicals for disposal.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Yough High School – Chemical Cleanout Project

PHOTOGRAPH

3

DATE

August 13, 2012

LOCATION

919 Lowber Road
Herminie, PA

PHOTOGRAPHS
BY

Baker



Comments: Kevin Beer (PADEP) and Jeanne Suehr (Yough High School Chemistry teacher) observe chemical cleanout procedures.

PHOTOGRAPH

4

DATE

August 13, 2012

LOCATION

919 Lowber Road
Herminie, PA

PHOTOGRAPHS
BY


Baker



Comments: Kevin Beer (PADEP) observing disposal contractor (Green Industries) separating and segregating chemicals for disposal.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Yough High School – Chemical Cleanout Project

PHOTOGRAPH 5	
DATE August 13, 2012	
LOCATION 919 Lowber Road Herminie, PA	
PHOTOGRAPHS BY Baker	

Comments: Disposal contractor (Green Industries) loading a 15-gallon disposal container with acids.

PHOTOGRAPH 6	
DATE August 13, 2012	
LOCATION 919 Lowber Road Herminie, PA	
PHOTOGRAPHS BY Baker	

Comments: Disposal contractor (Green Industries) loading a 5-gallon disposal container with inorganic toxic solids.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Yough High School – Chemical Cleanout Project

PHOTOGRAPH
7

DATE
August 16, 2012

LOCATION
**919 Lowber Road
Herminie, PA**

PHOTOGRAPHS
BY
Baker



Comments: Disposal container loaded with non-hazardous chemicals and a spill absorbent (vermiculite).

PHOTOGRAPH
8

DATE
August 16, 2012

LOCATION
**919 Lowber Road
Herminie, PA**

PHOTOGRAPHS
BY
Baker



Comments: Disposal contractor (Green Industries) doing inventory and record keeping of chemicals for disposal.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Yough High School – Chemical Cleanout Project

PHOTOGRAPH
9

DATE
August 13, 2012

LOCATION
**919 Lowber Road
Herminie, PA**

PHOTOGRAPHS
BY
Baker



Comments: Hazardous Material and Corrosives labels on disposal containers.

PHOTOGRAPH
10

DATE
August 16, 2012

LOCATION
**919 Lowber Road
Herminie, PA**

PHOTOGRAPHS
BY
Baker



Comments: Disposal contractor (Green Industries) transporting disposal containers to the disposal truck.

Michael Baker Jr., Inc. – PHOTOGRAPHIC RECORD

SITE NAME: Yough High School – Chemical Cleanout Project

<p>PHOTOGRAPH 11</p>	
<p>DATE August 16, 2012</p>	
<p>LOCATION 919 Lowber Road Herminie, PA</p>	
<p>PHOTOGRAPHS BY Baker</p>	

Comments: Disposal contractor (Green Industries) placing disposal containers into the disposal truck.

<p>PHOTOGRAPH 12</p>	
<p>DATE August 16, 2012</p>	
<p>LOCATION 919 Lowber Road Herminie, PA</p>	
<p>PHOTOGRAPHS BY Baker</p>	

Comments: Hazardous waste disposal truck (CleanVenture/Cycle Chem).

print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number PADEP0017258	2. Page 1 of 2	3. Emergency Response Phone (410) 368-9170	4. Manifest Tracking Number 009587182 JJK
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Generator's Name and Mailing Address 919 LOWBER ROAD HERMINIE, PA 15637	Generator's Site Address (if different than mailing address) SAME
Generator's Phone: 724-446-5580	

Transporter 1 Company Name CLEAN VENTURE INC.	U.S. EPA ID Number NJ0000027193
Transporter 2 Company Name	U.S. EPA ID Number

Designated Facility Name and Site Address 550 INDUSTRIAL DRIVE LEWISBERRY, PA 17339	U.S. EPA ID Number PA0067098822
Facility's Phone: (717) 938-4700	

3. M	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
		No.	Type					
X1	UN1993 WASTE FLAMMABLE LIQUIDS, N.O.S. (PAINTS / THINNERS) 3 PG II ERG# 12	DF	-	15gal	001	D001		
	2. NON DOT / NON RCRA REGULATED SOLIDS	DF	-	30gal	001	NONE		
X3	UN3288 WASTE TOXIC SOLID, INORGANIC, N.O.S. (UE19 D005 D006 D007 D008) 6.1 PG II ERG# 15	DF	-	5gal 30gal	001	UE19	D005	D006
X4	UN3264 WASTE CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (D002) 8 PG II ERG# 15	DF		5gal	001	D002		

Special Handling Instructions and Additional Information 719987/GRE/545462/81863 (1)UIK-B FLAMMABLE LOOSE PACK (2)AC-A 1 ON HAZ SOLIDS (3)VRA6-4 1 (4)UV1-5 2

GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offerior's Printed/Typed Name Jeanne C. Suehr	Signature Jeanne C. Suehr	Month 08	Day 16	Year 12
International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.	Port of entry/exit:	Date leaving U.S.:		

Transporter Acknowledgment of Receipt of Materials				
Transporter 1 Printed/Typed Name Robert String	Signature Robert String	Month 08	Day 16	Year 12
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

Discrepancy

Discrepancy Indication Space Quantity Type Residue Partial Rejection Full Rejection

Alternate Facility (or Generator)	Manifest Reference Number:	U.S. EPA ID Number
Facility's Phone:		
Signature of Alternate Facility (or Generator)	Month	Day

Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)			
1. H141	2.	3. H141	4. H141

Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a	Signature	Month	Day	Year
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UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)	21. Generator ID Number PADEF0017258	22. Page 2 of 3	23. Manifest Tracking Number 009587182JJK
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i. Generator's Name **YOUGH SENIOR HIGH SCHOOL**
319 LOWBER ROAD
HERMINIE, PA 15637

ii. Transporter _____ Company Name _____ U.S. EPA ID Number _____

iii. Transporter _____ Company Name _____ U.S. EPA ID Number _____

a. 27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers		29. Total Quantity	30. Unit WL/Vol.	31. Waste Codes		
	No.	Type					
(1) UN1436 WASTE ZINC POWDER OR ZINC DUST 4.3 (4.2) PG II ERG# 132	DF	-	5gal	ool	D001	D003	
(2) UN3266 WASTE CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (D002) 8 PG II ERG# 154	DF	-	15gal	ool	D002		
(3) UN1479 WASTE OXIDIZING SOLID, N.O.S. (D001 D007 D008 D011) 5.1 PG II ERG# 140	BF	-	30gal	ool	D001	D007	D008
(4) UN2734 WASTE AMINES, LIQUID, CORROSIVE, FLAMMABLE, N.O.S. OR POLYAMINES, LIQUID, CORROSIVE, FLAMMABLE, (D001 D002) 8 (3) PG II	DF	-	15gal	ool	D001	D002	
(5) UN1869 WASTE MAGNESIUM OR MAGNESIUM ALLOYS WITH MORE THAN 50 PERCENT MAGNESIUM IN PELLETS, TURNINGS OR 4.1 PG III ERG# 130	DF	-	5gal	ool	D001		
(6) UN2031 WASTE NITRIC ACID OTHER THAN RED FUMING, WITH LESS THAN 65 PERCENT NITRIC ACID 8 PG II ERG# 157	DF	-	15gal	ool	D002		
(7) UN2025 WASTE MERCURY COMPOUNDS, SOLID, N.O.S. (D009) 6.1 PG II ERG# 151	Not on Truck				D009		
(8) UN1744 WASTE BROMINE POISON-INHALATION HAZARD ZONE A 8 (6.1) PG I ERG# 154	DF	-	5gal	ool	D002		
NON DOT / NON RCRA Reg. Solids	DF	-	75gal	ool			

Special Handling Instructions and Additional Information 719987/GRE/545462/B1863 ; ERG# 132 (1)ZNDWW-6 3 (2)UOW-7 4
 3)STQL-8 5 (4)UOA-9 6 (5)VRA4-10 7 (6)UV1-11 8 (7)STHG-12 9 (8)PIH-13 10

Transporter _____ Acknowledgment of Receipt of Materials
 Typed Name _____ Signature _____ Month _____ Day _____ Year _____

Transporter _____ Acknowledgment of Receipt of Materials
 Typed Name _____ Signature _____ Month _____ Day _____ Year _____

Discrepancy _____

Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)				
H141	H141	H141	H141	H141
H141	H141	H141		

1395787

Cycle Chem, Inc

550 Industrial Drive Lewisberry PA 17339 PHONE: 717-938-4700, FAX:
717-938-3301

Land Disposal Restriction Notification and Certification Form

Generator: YOUGH SENIOR HIGH SCHOOL
EPAID: PADEP0017258

Manifest Tracking Number: 81863
Manifest Document Number: 009587182JJK

The EPA hazardous wastes identified below must be treated to the applicable treatment standards Set forth In 40 CFR 268.40.

EPA Waste Code Information

Manifest Line	Waste-water?	EPACodes
Page 1 Line 1	No	D001 (High TOC ignitable liquids subcategory)
Page 1 Line 2	No	RCRA non-hazardous
Page 1 Line 3	No	D005, D006 (Cadmium non-battery subcategory), D007, D008 (Lead non-battery subcategory), U219
Page 1 Line 4	No	D002
Page 2 Line 1	No	D001 (Ignitable characteristic wastes subcategory, other than high TOC ignitable liquids), D003 (Water reactive subcategory)
Page 2 Line 2	No	D002
Page 2 Line 3	No	D001 (Ignitable characteristic wastes subcategory, other than high TOC ignitable liquids), D007, D008 (Lead non-battery subcategory), D011
Page 2 Line 4	No	D001 (High TOC ignitable liquids subcategory), D002
Page 2 Line 5	No	D001 (Ignitable characteristic wastes subcategory, other than high TOC ignitable liquids)
Page 2 Line 6	No	D002
Page 2 Line 7	No	D009 (Low mercury [<260 PPM total mercury] subcategory)
Page 2 Line 8	No	D002

Underlying Hazardous Constituents

(None present unless identified below.)

Manifest Line	Constituents
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I certify that all information submitted On this Land Disposal Restriction and Certification Form is accurate and complete, to the best of my knowledge and information.

Signature: Jeanne C Suehr

Name: Jeanne C. Suehr

Title: AP/Honors Chemistry teacher

Date: 8-13-2012