



DEPARTMENT OF FINANCE

LISA LEWIS, DIRECTOR
STEPHANIE BONNETT, ASSISTANT FINANCE OFFICER
NICOLE CURRY, ACCOUNTING SUPERVISOR

TO: Board Members

FROM: Lisa Lewis, Director of Finance *Lisa Lewis*

DATE: December 6, 2023

RE: Chemical Disposal (Bullitt East High School) –Revision

In August the board approved a contract between Bullitt East High School and US Ecology to dispose of old science lab chemicals. A revision to the original agreement concerning the cost was made. I request the board to approve this revision agreement.

OUR MISSION IS TO INSPIRE AND EQUIP OUR STUDENTS TO SUCCEED IN LIFE

BULLITT COUNTY PUBLIC SCHOOLS IS AN EQUAL EDUCATION AND EMPLOYMENT INSTITUTION



NATE FULGHUM, PRINCIPAL
ANGELA BINKLEY, ASSISTANT PRINCIPAL
MIKE SETTLES, ASSISTANT PRINCIPAL
ONDREA SMALLWOOD, ASSISTANT PRINCIPAL

Date: October 24th, 2023

To: Lisa Lewis, Director of Finance and Dr. Jesse Bacon, Superintendent

From: Nate Fulghum, Principal, Bullitt East High School

Re: Chemical Disposal Request Addendum

Bullitt East High School and the Bullitt East Science Department has already received approval from the Board of Education to dispose of old science lab chemicals by an outside agency, US Ecology, Incorporated. US Ecology, Incorporated is also adding another \$500 to the order as a per diem for the two men they are sending to complete this job due to the need for overnight stay. Bullitt East High School is also requesting Dr. Bacon's signature on the attached "Waste Material Profile Form." or permission to sign by Nate Fulghum, Principal.

Waste Material Profile Form

WASTE/MATERIAL PROFILE FORM
A. GENERATOR/CUSTOMER INFORMATION

1. Generator: BULLITT EAST HIGH SCHOOL			
2. Site Address: 11450 KY-44 E		<input type="checkbox"/> P.O. required for payment? <i>If yes, include:</i>	
City: MT. WASHINGTON	Phone: (502) 869-6400		
State: KY Zip: 40047	Country: USA	8. Invoicing Company: US ECOLOGY INDIANAPOLIS	
3. Mailing Address: 11450 KY-44 E		9. Invoicing Address: 17440 COLLEGE PARKWAY STE 300	
City: MT. WASHINGTON		City: LIVONIA	
State: KY Zip: 40047	Country: USA	State: MI Zip: 48152-2363	Country: USA
4. Technical Contact:		10. Customer Contact:	
5. Phone:	Email:	11. Phone:	Email:
6. Generator Status: <input type="radio"/> SQG <input type="radio"/> LQG <input checked="" type="radio"/> VSQG/CESQG <i>(If yes, complete Certification Supplement)</i> <input type="radio"/> Not Applicable			
7. EPA ID #: KYVSQG		NAICS CODE: 611110	State ID #:

B. WASTE/MATERIAL STREAM

1. Common Name: Non-Haz Loose Pack
2. Generating Process: Unused/obsolete products and chemicals offered for disposal.
3. Source Code: _____ Form Code: _____

C. SHIPPING/PACKAGING INFORMATION

1. DOT Hazardous Materials? <input type="radio"/> Yes <input checked="" type="radio"/> No Proper Shipping Name: NON-REGULATED MATERIAL			
2. Additional Description:			
3. RQ: <input type="radio"/> Yes <input checked="" type="radio"/> No	RQ Reason:	RQ Threshold:	UN/NA#:
Packing Group:	ERG#:	Hazard Class:	
4. DOT Special Permit? <input type="radio"/> Yes <input checked="" type="radio"/> No		Permit #:	
5. 24-Hour Emergency Phone: (317) 339-1430		6. DOT Inhalation Hazard? <input type="radio"/> Yes <input checked="" type="radio"/> No	
7. Container Type: <input type="checkbox"/> Bulk <input type="checkbox"/> Totes <input type="checkbox"/> Pallet <input type="checkbox"/> Boxes <input checked="" type="checkbox"/> Drums <input type="checkbox"/> Cylinder Container size:			
<input type="checkbox"/> Lab Pack <i>(If 40 CFR 264.316/49 CFR 173.12(b) Lab Pack Inventory lists required)</i>			
<input type="checkbox"/> Combination Containers <i>(e.g., inner containers)</i>		Describe:	
<input type="checkbox"/> Other, Describe:			
8. Volume/Frequency: Volume: _____ Units: _____			
Frequency: <input checked="" type="radio"/> Year <input type="radio"/> Quarterly <input type="radio"/> Monthly <input type="radio"/> 1 Time <input type="radio"/> Other, Describe:			

D. PHYSICAL PROPERTIES

1. Physical Description <i>(e.g. soil, water, PPE, debris, sorbent, etc. Include 100% of container content. If debris, provide dimensions & weight.)</i>			
Description	Typical (%)	Min (%)	Max (%)
unused, non-hazardous products &/or chemicals in*	100	100	100
*various sized inner containers	100	100	100
2. Odor: <input checked="" type="radio"/> None <input type="radio"/> Slight <input type="radio"/> Strong Odor type: <input type="checkbox"/> Ammonia <input type="checkbox"/> Amines <input type="checkbox"/> Mercaptans <input type="checkbox"/> Sulfur			
<input type="checkbox"/> Organic Acid <input type="checkbox"/> Other Describe:			
3. Physical State: (at 70°F) <input type="checkbox"/> Solid <input type="checkbox"/> Dust/Powder <input type="checkbox"/> Debris <input type="checkbox"/> Sludge/Slurry <input type="checkbox"/> Liquid <input type="checkbox"/> Gas/Aerosol <input checked="" type="checkbox"/> Varies			
4. Color: VARIES 5. Liquid phases: <input checked="" type="radio"/> Single <input type="radio"/> Double Layer <input type="radio"/> Multi-layer <input type="radio"/> N/A			
6. Is it solid using the paint filter test? <i>(40 CFR Part 264.314(b))</i> <input type="radio"/> Yes (Solid) <input checked="" type="radio"/> No (Not Solid)			
Is there a possibility of incidental liquids from transportation? <input checked="" type="radio"/> Yes <input type="radio"/> No			
7. pH: (If solid, provide estimated pH if mixed 50:50 with water) <input type="checkbox"/> <=2 <input type="checkbox"/> 2.1 - 4.9 <input checked="" type="checkbox"/> 5 - 10 <input type="checkbox"/> 10.1 - 12.4 <input type="checkbox"/> >=12.5			
8. Flash Point: °F and/or <input type="checkbox"/> <90 °F <input type="checkbox"/> 90 - 139 °F <input type="checkbox"/> 140 - 199 °F <input checked="" type="checkbox"/> >=200 °F <input type="checkbox"/> Does not flash <input type="checkbox"/> Flammable solid			
BTU/lb. Value: and/or <input checked="" type="radio"/> <5000 BTU <input type="radio"/> >=5000 BTU			
9. Are there any known handling/treatment issues involving this material? <i>(i.e. Describe whether the waste stream has ever been the direct or suspected cause of a fire or other reaction, and whether there are any specific controls you use to prevent any adverse reactions?)</i> <input type="radio"/> Yes <input checked="" type="radio"/> No			

E. CHARACTERIZATION & CHEMICAL COMPOSITION (See Continuation for E.6)

1. US Ecology Texas Customers - Waste/Material Type: Industrial Non-Industrial N/A TX State Code:

Pennsylvania Residual Waste: Yes No PA State Code (s):

2. State Waste Codes:	MI-029L								
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3. RCRA Waste Codes:	None								
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If None, is it exempt from the definition of "Solid Waste" or "Hazardous Waste"? Yes No

4. If F006-F009, F012, or F019, are Cyanides used in the process? Yes No (If yes, Total and Amenable CN (9010/9012) analysis required)

5. Knowledge is from: Lab analysis (requires attachment) SDS/MSDS (requires attachment) Process/generator knowledge

6. Chemical Composition (include all applicable UHC's, TRI Section 313 chemicals, OSHA Hazardous Materials, PFAS Constituents, etc.)

Constituent	Units	TCLP	Totals	Typical	Min	Max	UHC	Exceeds LDR
Methanol	%	<input type="radio"/>	<input type="radio"/>		0	0.575	<input type="checkbox"/>	<input type="checkbox"/>
Zinc**	%	<input type="radio"/>	<input type="radio"/>		0	0.228	<input type="checkbox"/>	<input type="checkbox"/>
Isopropyl alcohol (mfg-strong acid process)	%	<input type="radio"/>	<input type="radio"/>		0	0.5	<input type="checkbox"/>	<input type="checkbox"/>
Sodium hydroxide	%	<input type="radio"/>	<input type="radio"/>		0	0.005	<input type="checkbox"/>	<input type="checkbox"/>
Aluminum oxide (fibrous forms)	%	<input type="radio"/>	<input type="radio"/>		0	0.25	<input type="checkbox"/>	<input type="checkbox"/>
Ammonium chloride	%	<input type="radio"/>	<input type="radio"/>		0	1.1	<input type="checkbox"/>	<input type="checkbox"/>
titanium dioxide	%	<input type="radio"/>	<input type="radio"/>		0	1	<input type="checkbox"/>	<input type="checkbox"/>
COBALT CHLORIDE (COLBALTOUS)	%	<input type="radio"/>	<input type="radio"/>		0	0.2	<input type="checkbox"/>	<input type="checkbox"/>
Ethanol	%	<input type="radio"/>	<input type="radio"/>		0	0.5	<input type="checkbox"/>	<input type="checkbox"/>
Copper Sulfate	%				0	0.692		

F. ADDITIONAL PROPERTIES

1. Explosive: Yes No 2. Reactive Sulfides : ppm Yes No

3. Shock Sensitive: Yes No 4. Reactive Cyanides: ppm Yes No

5. Radioactive: Yes No 6. Reactive Other: Yes No

Describe:

7. Medical/Infectious/Biohazard Waste: Yes No 8. Polychlorinated Biphenyls (PCB): Yes No

9. Dioxins and/or Furans: Yes No 10. Metal Fines/Powder/Paste: Yes No

11. Pyrophoric: Yes No 12. Temperature Controlled: Yes No

13. Thermally Unstable: Yes No 14. Biodegradable Sorbents: Yes No

15. Compressed Gas: Yes No 16. Used Oil: Yes No

17. Oxidizer: Yes No 18. Tires: Yes No

19. Organic Peroxide: Yes No 20. Beryllium: Yes No

21. Ammonia/Ammonia Compounds: Yes No 22. Per-and Polyfluoroalkyl Substances (PFAS): Yes No

23. Asbestos: Yes No

24. Hazardous Secondary Material: Yes No

25. Are pharmaceutical wastes profiled under this approval subject to a prescription? Yes No N/A

G. REGULATORY INFORMATION1. Volatile Organic Concentration: (Per 40 CFR Part 264.1083 & 265.1084) <500 ppmw ≥500 ppmw2. Has the material been treated after the initial point of generation? Yes No

3. If RCRA Hazardous:

- Wastewater WW=<1% TSS & TOC; 40 CFR Part 268.2
- Non-wastewater TSS/TOC>WW
- Alternative Treatment Standards for soil? > 50% soil; 40 CFR Part 268.49
- Alternative Treatment Standards for debris? 40 CFR Part 268.2(g) & (h); >50% of waste is >2.5 inch size
 - I confirm debris cannot reasonably be separated from non-debris by simple physical or mechanical means
 - I confirm debris has not been mixed/diluted with non-debris as prohibited in 40 CFR Part 268.3
- Waste meets LDR Treatment Standards

4. Treatment subcategory: (if applicable)

5. Is the site or waste/material, subject to NESHAP/MACT standard(s)? Yes No

6. Is the waste/material RCRA Hazardous containing Benzene and originating at a petroleum refinery (SIC 2911), chemical manufacturing plant (SIC 2800 thru 2899) or Coke by-product recovery plant (SIC 3312)?

 Yes No (If yes, complete the Benzene Waste Operations Supplement and if applicable the Thermal Supplement)**H. GENERATOR'S CERTIFICATION**1. Is a specific facility or treatment technology requested? Yes No

2. Requested Technology: EQ DET

3. Thermal Processing: Yes No

4. Other specific restrictions requested:

5. Requested US Ecology Facility:

Certificate Statement:

I certify that all information (including attachments) is complete, factual and is an accurate representation of the known and suspected hazards pertaining to waste/material described herein. I authorize US Ecology's personnel to add supplemental information to the Waste/Material Profile Form, provided I am contacted and grant permission to do so. US Ecology may require re-submittal of the Waste/Material Profile Form if substantial changes are determined necessary. I authorize US Ecology's personnel to obtain a sample from any waste/material shipment for purposes of verification and confirmation and understand that waste/material that does not conform to specifications described in this Waste/Material Profile Form may be rejected by US Ecology. I certify that I am familiar with the waste/material described herein through analysis and/or process knowledge and that all information provided is true, accurate, representative and complete and that this Waste/Material Profile Form was completed in accordance with the instructions provided.

If I am an agent acting on behalf of the generator, I also certify that I have permission to sign any and all waste/material characterization paperwork on the generator's behalf and that I can produce such certification in writing upon request.

Print Name:	Jesse Bacon	Signature:	
Title:	Superintendent	Company:	BCPS (BEHS)
Date:	12-18-2023		

WASTE MATERIAL PROFILE FORM - CONTINUATION (Chemical)
E. CHARACTERIZATION & CHEMICAL COMPOSITION
4. Chemical Composition:

Constituent	Units	TCLP	Totals	Typical	Min	Max	UHC	Exceeds LDR
Copper Sulfate	%	<input type="radio"/>	<input type="radio"/>	0	0	0.692	<input type="checkbox"/>	<input type="checkbox"/>
Magnesium Oxide	%	<input type="radio"/>	<input type="radio"/>	0	0	10	<input type="checkbox"/>	<input type="checkbox"/>
Calcium Sulfate	%	<input type="radio"/>	<input type="radio"/>	0	0	9.5	<input type="checkbox"/>	<input type="checkbox"/>
ALKYL(C12-16)DIMETHYLBENZYLAMMONIUM CHLO...	%	<input type="radio"/>	<input type="radio"/>	0	0	1	<input type="checkbox"/>	<input type="checkbox"/>
ASCORBIC ACID	%	<input type="radio"/>	<input type="radio"/>	0	0	10	<input type="checkbox"/>	<input type="checkbox"/>
CALCIUM CARBONATE	%	<input type="radio"/>	<input type="radio"/>	0	0	10	<input type="checkbox"/>	<input type="checkbox"/>
DISTILLATES (PETROLEUM), HYDROTREATED MI...	%	<input type="radio"/>	<input type="radio"/>	0	0	2.99	<input type="checkbox"/>	<input type="checkbox"/>
ETHOXYLATED ALCOHOL	%	<input type="radio"/>	<input type="radio"/>	0	0	10	<input type="checkbox"/>	<input type="checkbox"/>
ETHYLENEDIAMINETETRAACETIC ACID DISODIUM...	%	<input type="radio"/>	<input type="radio"/>	0	0	1	<input type="checkbox"/>	<input type="checkbox"/>
GLYCERIN	%	<input type="radio"/>	<input type="radio"/>	0	0	10	<input type="checkbox"/>	<input type="checkbox"/>
Heavy Base Oils (heavy paraffinic hydrot...	%	<input type="radio"/>	<input type="radio"/>	0	0	94.99	<input type="checkbox"/>	<input type="checkbox"/>
MAGNESIUM SULFATE ANHYDROUS	%	<input type="radio"/>	<input type="radio"/>	0	0	10	<input type="checkbox"/>	<input type="checkbox"/>
MICROCRYSTALLINE SILICA	%	<input type="radio"/>	<input type="radio"/>	0	0	0.7	<input type="checkbox"/>	<input type="checkbox"/>
PHENOL, 4,4'- (1-METHYLETHYLIDENE)BIS-, ...	%	<input type="radio"/>	<input type="radio"/>	0	0	2.5	<input type="checkbox"/>	<input type="checkbox"/>
phosphoric acid, dipotassium salt	%	<input type="radio"/>	<input type="radio"/>	0	0	0.5	<input type="checkbox"/>	<input type="checkbox"/>
polyoxyethylene sorbitan monolaurate (Po...	%	<input type="radio"/>	<input type="radio"/>	0	0	10	<input type="checkbox"/>	<input type="checkbox"/>
POTASSIUM CHLORIDE	%	<input type="radio"/>	<input type="radio"/>	0	0	10	<input type="checkbox"/>	<input type="checkbox"/>
POTASSIUM PHOSPHATE MONOBASIC	%	<input type="radio"/>	<input type="radio"/>	0	0	0.1	<input type="checkbox"/>	<input type="checkbox"/>
POTASSIUM SULFATE	%	<input type="radio"/>	<input type="radio"/>	0	0	10	<input type="checkbox"/>	<input type="checkbox"/>
SILICATE, MICA	%	<input type="radio"/>	<input type="radio"/>	0	0	0.25	<input type="checkbox"/>	<input type="checkbox"/>
SODIUM CARBONATE	%	<input type="radio"/>	<input type="radio"/>	0	0	0.5	<input type="checkbox"/>	<input type="checkbox"/>
SODIUM CHLORIDE	%	<input type="radio"/>	<input type="radio"/>	0	0	10	<input type="checkbox"/>	<input type="checkbox"/>
SODIUM SULFATE	%	<input type="radio"/>	<input type="radio"/>	0	0	10	<input type="checkbox"/>	<input type="checkbox"/>
TALC	%	<input type="radio"/>	<input type="radio"/>	0	0	0.5	<input type="checkbox"/>	<input type="checkbox"/>
UREA	%	<input type="radio"/>	<input type="radio"/>	0	0	1	<input type="checkbox"/>	<input type="checkbox"/>
WATER	%	<input type="radio"/>	<input type="radio"/>	0	0	72.908	<input type="checkbox"/>	<input type="checkbox"/>
WHITE MINERAL OIL (PETROLEUM)	%	<input type="radio"/>	<input type="radio"/>	0	0	10	<input type="checkbox"/>	<input type="checkbox"/>

WASTE/MATERIAL PROFILE FORM

VSQG/CESQG Certification (From Section A6)

VSQG/CESQG CERTIFICATION

According to Section 40 of the Code of Federal Regulations (CFR), subsection 260.10 and subsection 261.5 a Very Small Quantity Generator (VSQG) and a Conditionally Exempt Small Quantity Generator (CESQG) are generators who are conditionally exempt in a calendar month if they generate no more than 100 kilograms (220 pounds) of hazardous waste or 1 kilogram (2.2 pounds) of acute hazardous waste or 100 Kilograms (220 pounds) of residue from the cleanup of any acute hazardous waste in a month. Additionally, VSQG/CESQG generators may not accumulate at any one time in excess of 1,000 kilograms (2,200 pounds) of hazardous waste or 2.2 pounds of acute waste without being subject to 40 CFR 262.44, 263 through 266, 268 and parts of 270 and 124 of this chapter, and the applicable notification requirements of section 3010 of RCRA.

I certify that the generating location provided in section A6 of the Profile Form meets the requirements for a VSQG/CESQG.

Generator: BULLITT EAST HIGH SCHOOL

Generating Site Address: 11450 KY-44 E

City: MT.
WASHINGTON

State: KY

Zip Code: 40047

Print Name: Jesse Bacon

Signature:

Title: Superintendent

Company: BCPS - BEHS

Date: 12-18-2023