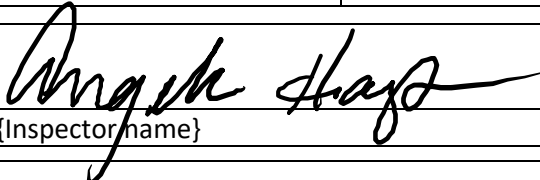


**Region 6 Compliance Assurance and Enforcement Division
INSPECTION REPORT**

Inspection Date(s):	11/16/2018		
Media:	RCRA		
Regulatory Program(s)	CEI		
Company Name:	United States Department of Agriculture		
Facility Name:	Dale Bumpers National Rice Research Center		
Facility Physical Location:	2890 Highway 130 East		
(city, state, zip code)	Stuttgart, AR 72160		
Mailing address:	P.O. Box 1090		
(city, state, zip code)	Stuttgart, AR 72160		
County/Parish:	Arkansas County		
Facility Contact:	Joel Ledbetter	Safety Specialist	
	Joel.ledbetter@usda.gov		
FRS Number:			
EPA ID Number	ARR000011932		
Media Number:			
NAICS:	54171		
SIC:			
Personnel participating in inspection:			
Angela Hays	EPA / R6-EN H1	Life Scientist	214-665-2285
Joel Ledbetter	USDA	Safety Specialist	870-672-8255
David Gealy	USDA	Rice Facility Manager	870-672-9300
Carl Webster	USDA	Aquaculture Manager	
EPA Lead Inspector Signature/Date			11/30/2018
	{Inspector name}		Date
Supervisor Signature/Date			
	{Supervisor name}		Date

Section I – INTRODUCTION

PURPOSE OF THE INSPECTION

EPA Region 6 inspector Angela Hays arrived at the United States Department of Agriculture (USDA) Dale Bumpers National Rice Research Center (DBNRRC) at 10:00 on 11/16/2018 for an unannounced inspection. I met with Carl Webster, the manager of the adjoining facility, USDA Harry K. Dupree Aquaculture, at the Opening Conference. I presented my credentials to Mr. Webster and informed him that this was an EPA inspection to determine compliance with resource conservation and recovery act (RCRA) regulations. The scope of the inspection is a compliance evaluation inspection (CEI) follow up from an RCRA CEI performed on November 12-16, 2018 and includes evaluation of the generator status, compliance of the facility, and collect documentation. The neighboring USDA Facility, Harry K. Dupree Stuttgart National Aquaculture Research Center, was also inspected on 11/16/2018.

FACILITY DESCRIPTION

The USDA DBNRRC located in Stuttgart, AR conducts research and technology development focusing on high production yields, value added grain quality, pest resistance, and stress tolerance to improve the competitiveness of the United States rice industry in global and domestic markets. Current research at the time of inspection concentrated on rice germplasm and breeding, genetics, diverse species, molecular genetics, metabolomics, grain quality, abiotic stress tolerance, molecular plant pathology, and rice and weed physiology.

Section II – OBSERVATIONS

During inspection I observed general farming practices at the DBNRRC. The grow techniques use fertilizer, soil, and water with a purpose of plant production and health. The plants are not subject to extenuated circumstances such as additives or enhanced intake. The facility appears to be operating at as a conditionally exempt small quantity generator with laboratories for testing plant health. The laboratories have designated satellite accumulation areas (SAA's) that are managed by laboratory technicians during accumulation then removed by Mr. Leadbetter and placed in the Waste Marshall until transportation and disposal (Appendix 1).

Section III – AREAS OF CONCERN

I observed no areas of concern at the time of inspection. During closing I went over the paperwork collected; waste list, signed 3007, DOT Training certificate, employee training list, and manifest 012223423FLE (Appendix 2). I also requested confirmation of the number of laboratories, the number of laboratories in use, and the intent of the experiments / research done at each. I suggested that the labeling and dating in the SAA's are consistent throughout the facility. While CESQG's are not required to label or date the waste in the SAA's a common practice should be considered throughout the facility with special consideration to flammable materials when pertinent.

Section IV – FOLLOW UP

The facility has 90 days to provide documents and information requested at closing.

Section V – LIST OF APPENDICES

Appendix 1 – Photo Log – 38 photos taken 11/16/2018

Appendix 2 – Documents provided during inspection

Appendix 1

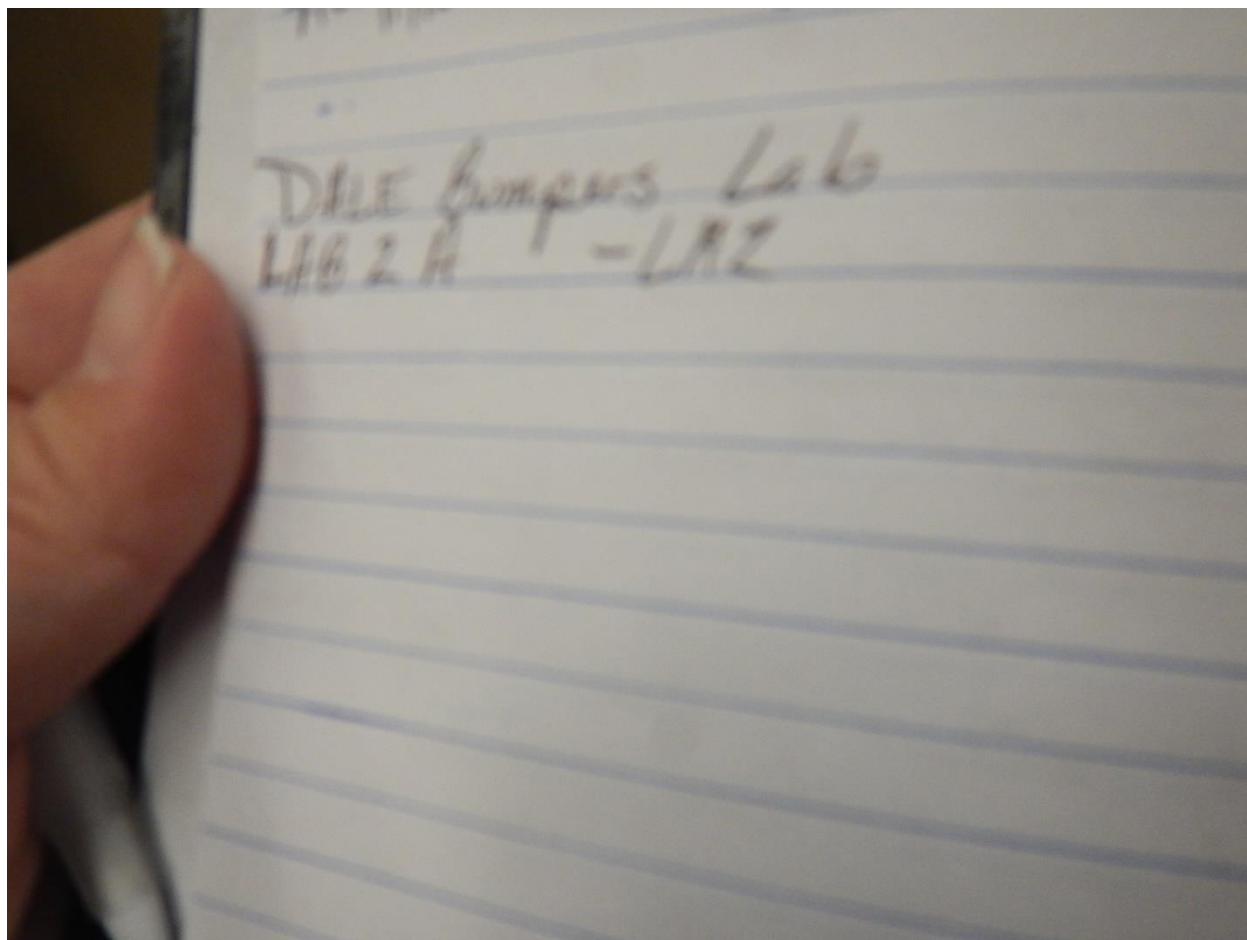


Photo # 173

Date: 11/16/2018

Description: Marker to Dale Bumpers

Photographer: Angela Hays



Photo # 174

Date: 11/16/2018

Description: Storage under Hood

Photographer: Angela Hays



Photo # 175

Date: 11/16/2018

Description: Products in use storage under hood

Photographer: Angela Hays



Photo # 176

Date: 11/16/2018

Description: Waste receptacles for Non-Hazardous waste

Photographer: Angela Hays



Photo # 177

Date: 11/16/2018

Description: Satellite Accumulation Area in Lab 2A – empty bottle of hexane.

Photographer: Angela Hays



Photo # 178

Date: 11/16/2018

Description: Product storage

Photographer: Angela Hays



Photo # 179

Date: 11/16/2018

Description: Grain Quality Lab L1

Photographer: Angela Hays

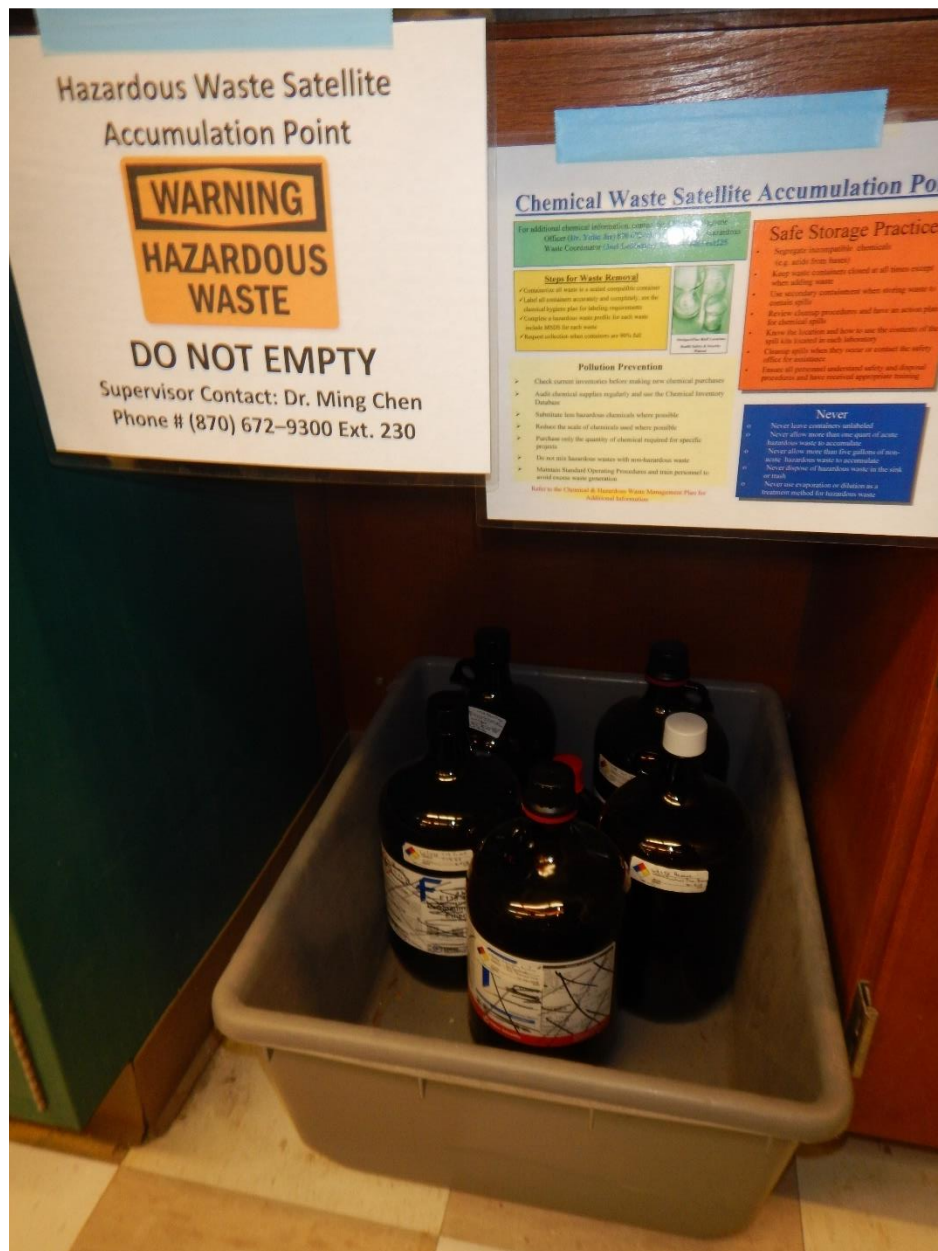


Photo # 180

Date: 11/16/2018

Description: SAA in Grain Quality Lab L1 – Bottles labeled and dated

Photographer: Angela Hays

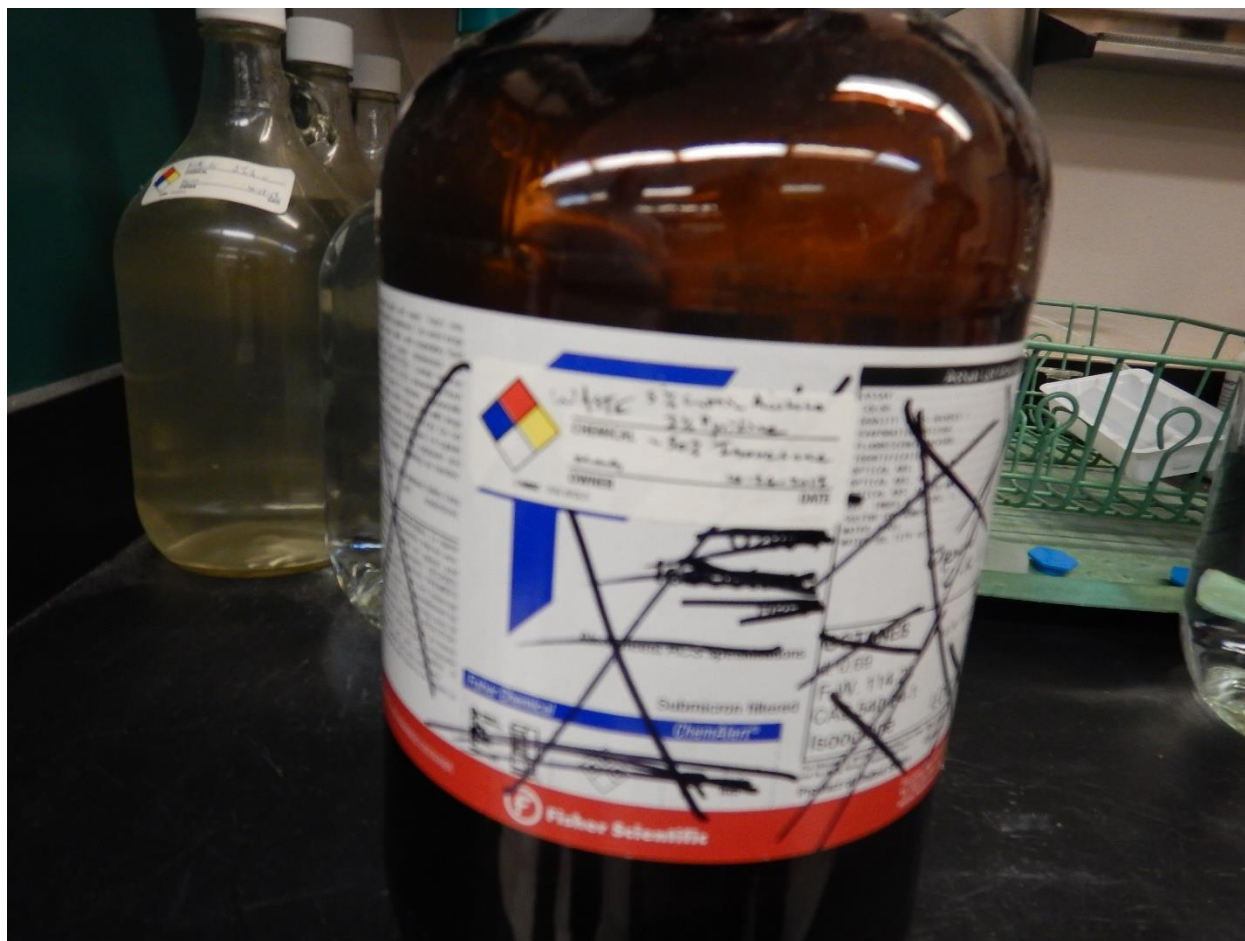


Photo # 181

Date: 11/16/2018

Description: SAA in Grain Quality Lab L1 – Bottles labeled and dated – close up

Photographer: Angela Hays

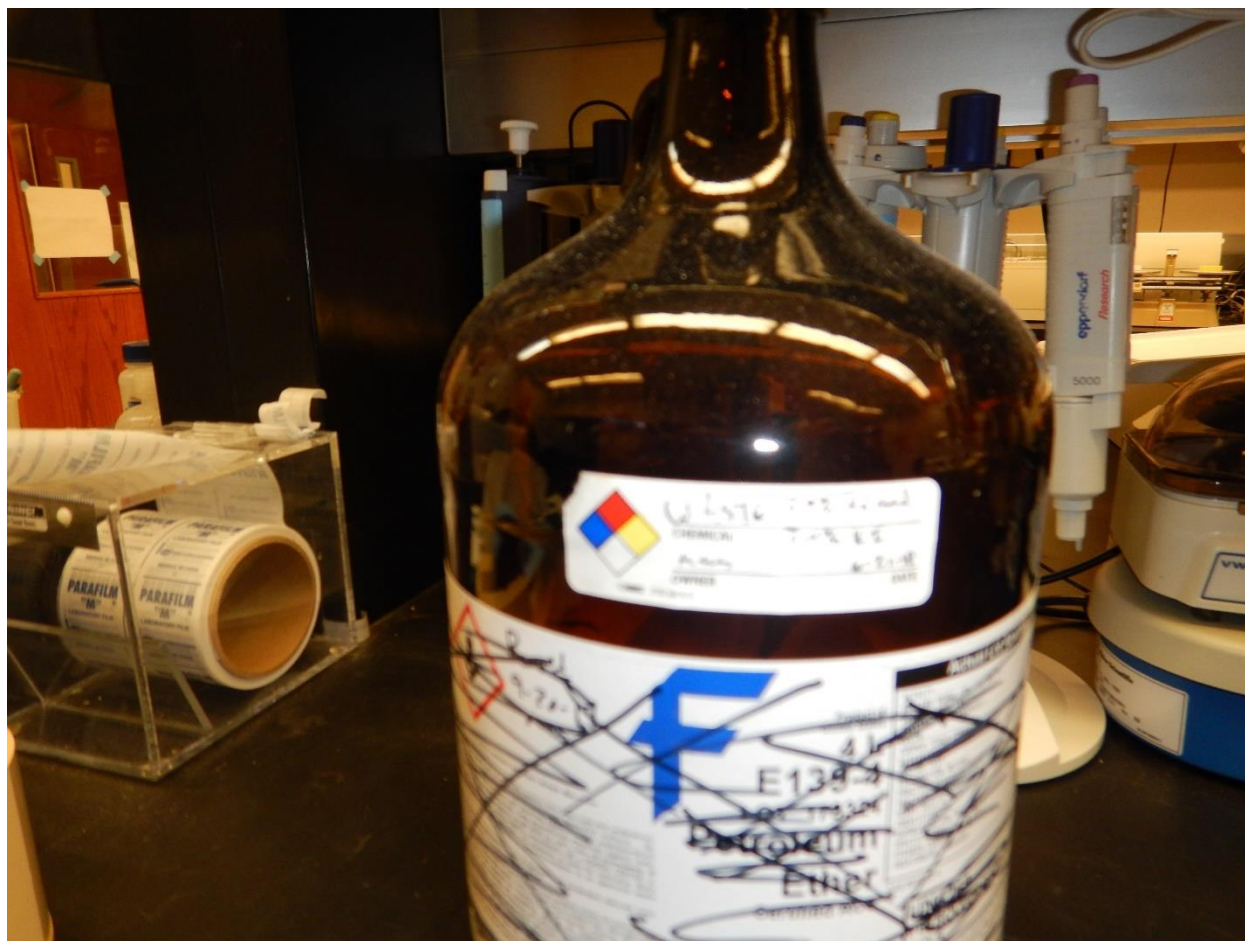


Photo # 182

Date: 11/16/2018

Description: SAA in Grain Quality Lab L1 – Bottles labeled and dated – close up

Photographer: Angela Hays



Photo # 183

Date: 11/16/2018

Description: SAA in Grain Quality Lab L1 – Bottles labeled and dated – close up of all bottles from SAA

Photographer: Angela Hays



Photo # 184

Date: 11/16/2018

Description: SAA in Grain Quality Lab L1 – Bottles labeled and dated – close up of bottles from SAA

Photographer: Angela Hays

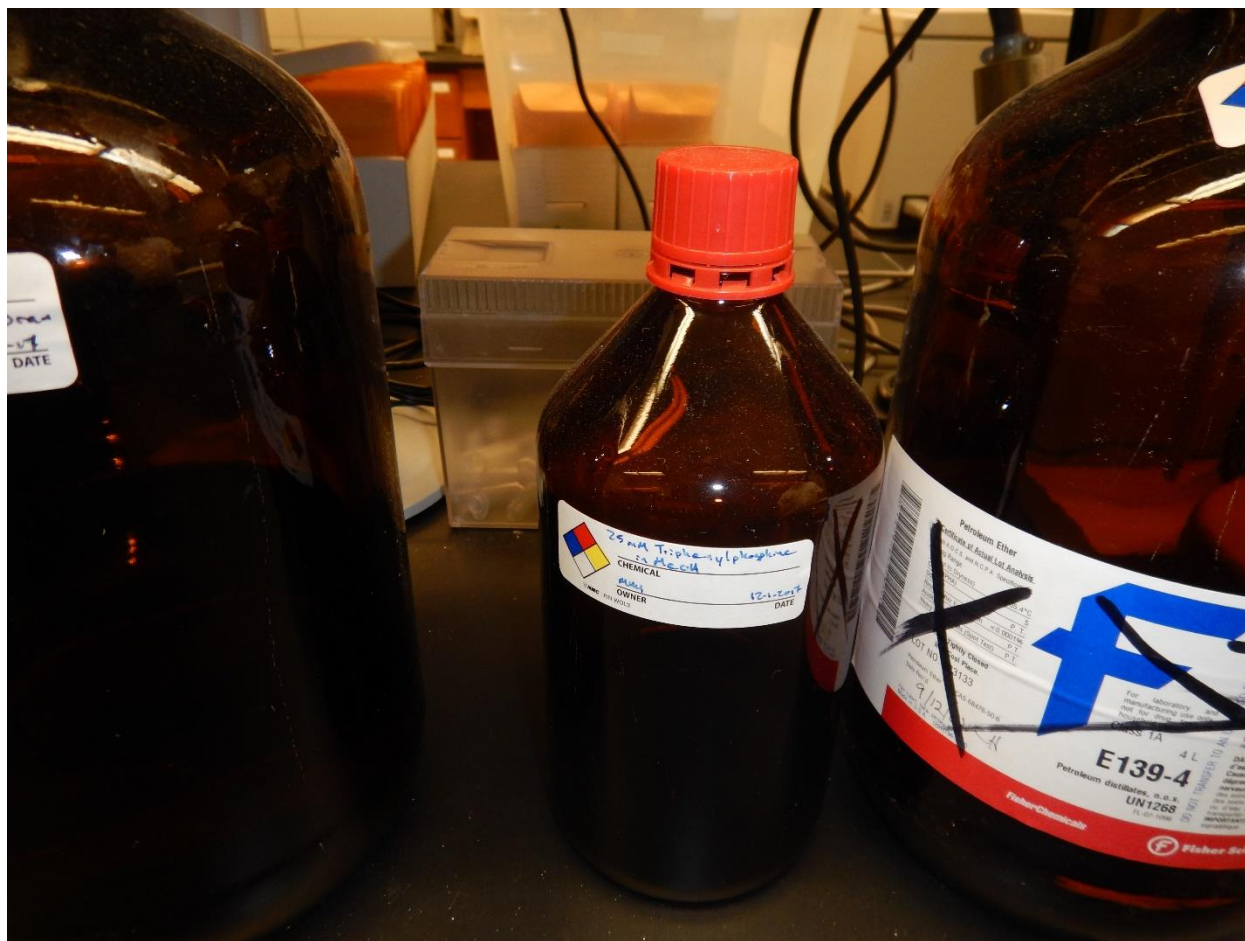


Photo # 185

Date: 11/16/2018

Description: SAA in Grain Quality Lab L1 – Bottles labeled and dated – close up of bottles from SAA

Photographer: Angela Hays



Photo # 186

Date: 11/16/2018

Description: SAA in Grain Quality Lab L1 – Bottles labeled and dated – close up of bottles from SAA

Photographer: Angela Hays

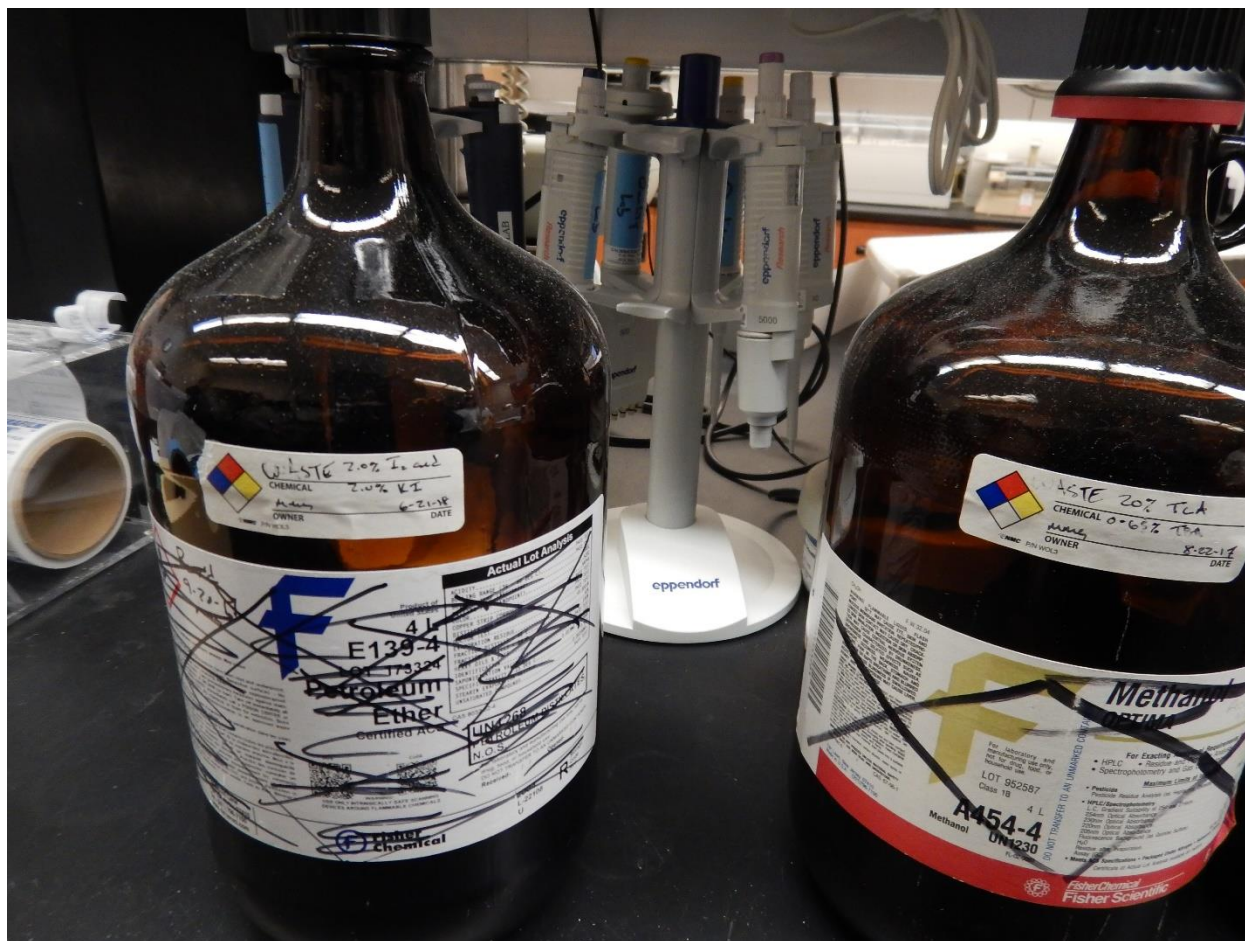


Photo # 187

Date: 11/16/2018

Description: SAA in Grain Quality Lab L1 – Bottles labeled and dated – close up of bottles from SAA

Photographer: Angela Hays



Photo # 188

Date: 11/16/2018

Description: Battery recycling area in Dale Bumpers Rice Research Center

Photographer: Angela Hays



Photo # 189

Date: 11/16/2018

Description: Overview of battery recycling area in Dale Bumpers Rice Research Center

Photographer: Angela Hays



Photo # 190

Date: 11/16/2018

Description: Waste Marshall entrance

Photographer: Angela Hays



Photo # 191

Date: 11/16/2018

Description: Cabinet number 1 inside of Waste Marshall for hazardous waste storage

Photographer: Angela Hays



Photo # 192

Date: 11/16/2018

Description: Lamp storage inside of Waste Marshall

Photographer: Angela Hays



Photo # 193

Date: 11/16/2018

Description: Interior of hazardous waste cabinet number 1 in Waste Marshall

Photographer: Angela Hays



Photo # 194

Date: 11/16/2018

Description: Hazardous waste cabinet number 2 in Waste Marshall

Photographer: Angela Hays



Photo # 195

Date: 11/16/2018

Description: Inside of hazardous waste cabinet number 2 located in Waste Marshall

Photographer: Angela Hays



Photo # 196

Date: 11/16/2018

Description: Hazardous waste cabinet number 3 in Waste Marshall

Photographer: Angela Hays



Photo # 197

Date: 11/16/2018

Description: Inside of hazardous waste cabinet number 3 located in Waste Marshall

Photographer: Angela Hays



Photo # 198

Date: 11/16/2018

Description: Drain in greenhouse storage area – has sand filter and drains to University of Arkansas. U of A maintains waste water permit

Photographer: Angela Hays



Photo # 199

Date: 11/16/2018

Description: Drain in greenhouse storage area overview

Photographer: Angela Hays



Photo # 200

Date: 11/16/2018

Description: Greenhouse number 8 – Rice seedlings

Photographer: Angela Hays

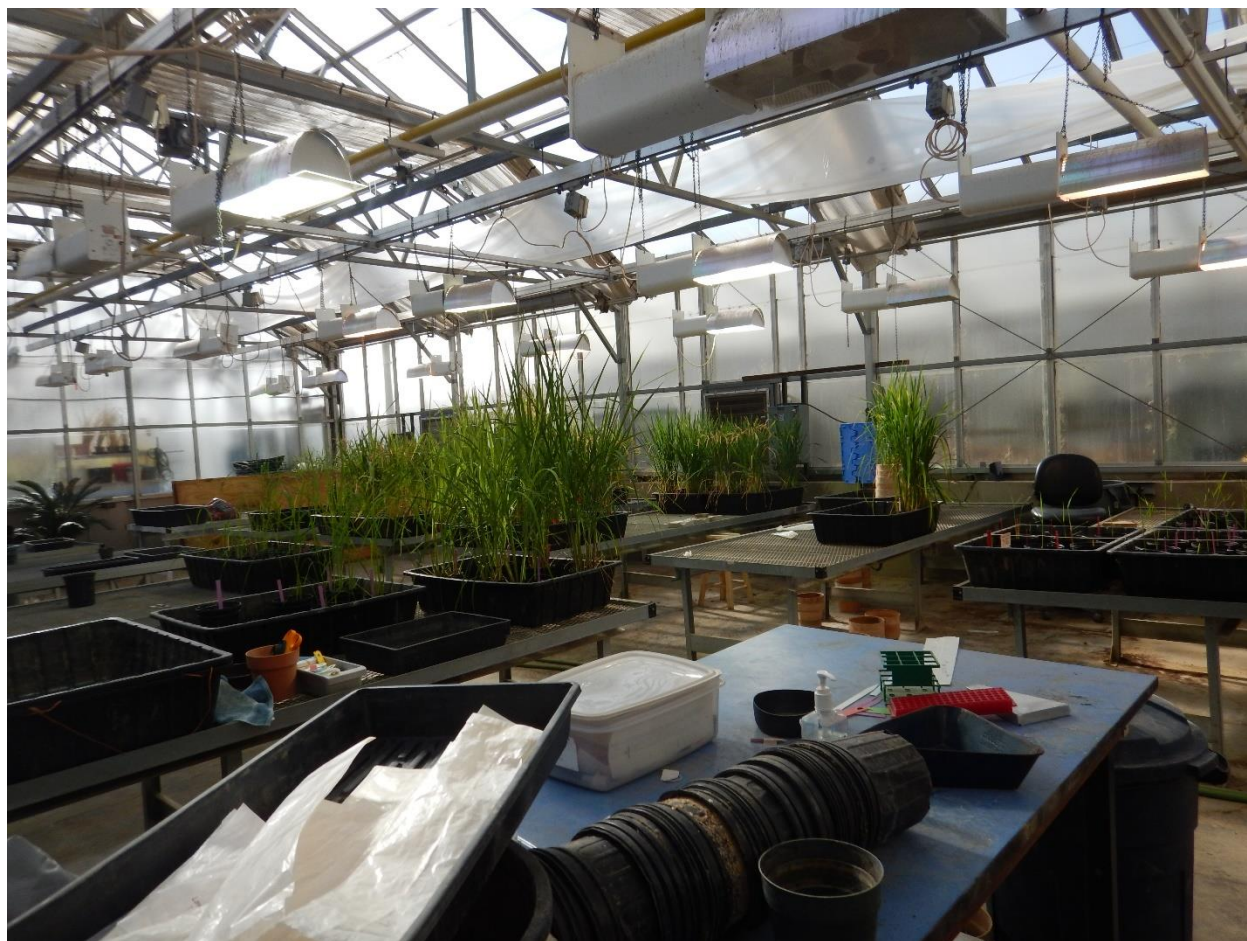


Photo # 201

Date: 11/16/2018

Description: Greenhouse number 6 – Rice breeding and seed production

Photographer: Angela Hays

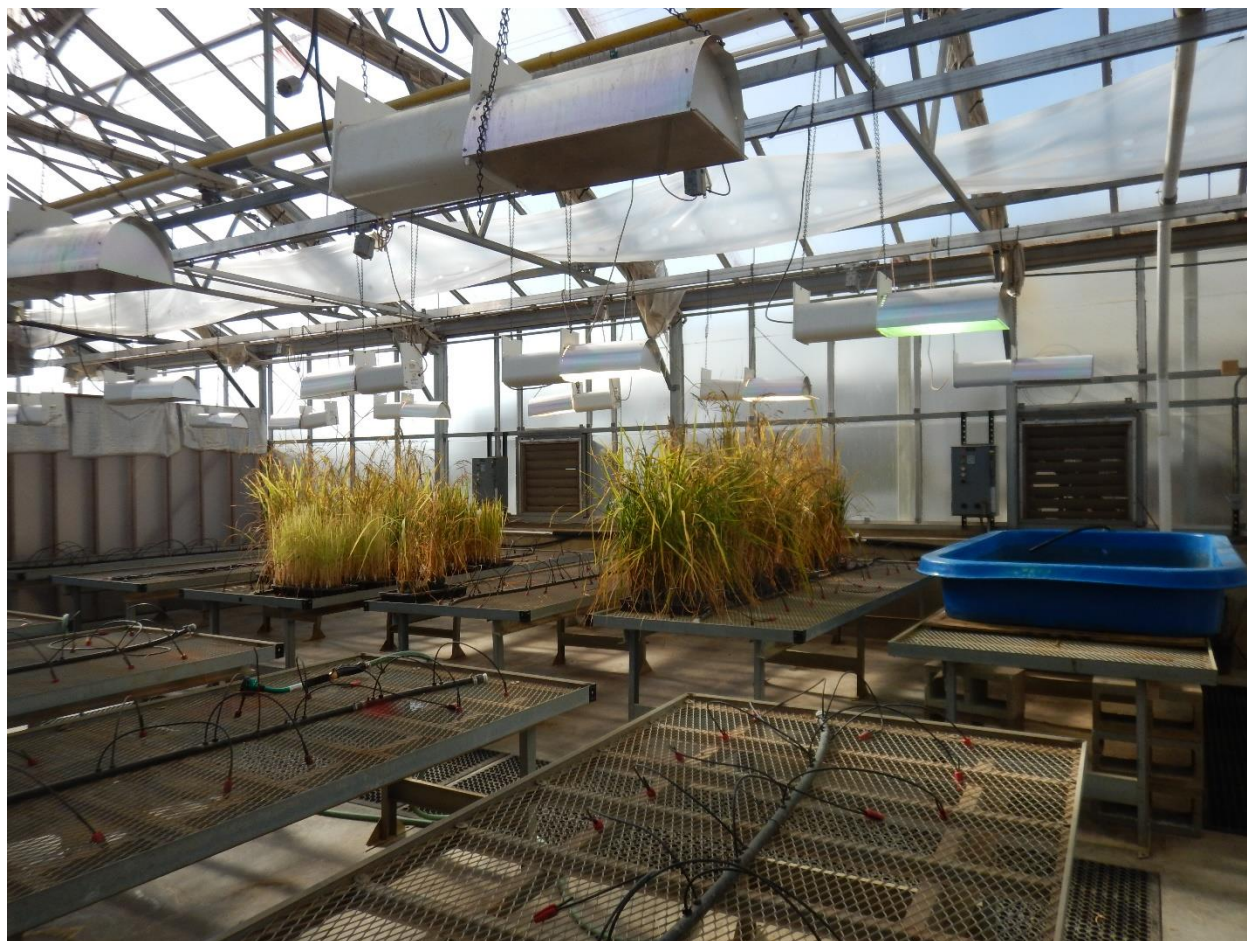


Photo # 202

Date: 11/16/2018

Description: Greenhouse number 7 – Natural Pathogens in Rice research

Photographer: Angela Hays



Photo # 203

Date: 11/16/2018

Description: Greenhouse number 9 – Empty

Photographer: Angela Hays



Photo # 204

Date: 11/16/2018

Description: Greenhouse number 1 – Genetic research

Photographer: Angela Hays

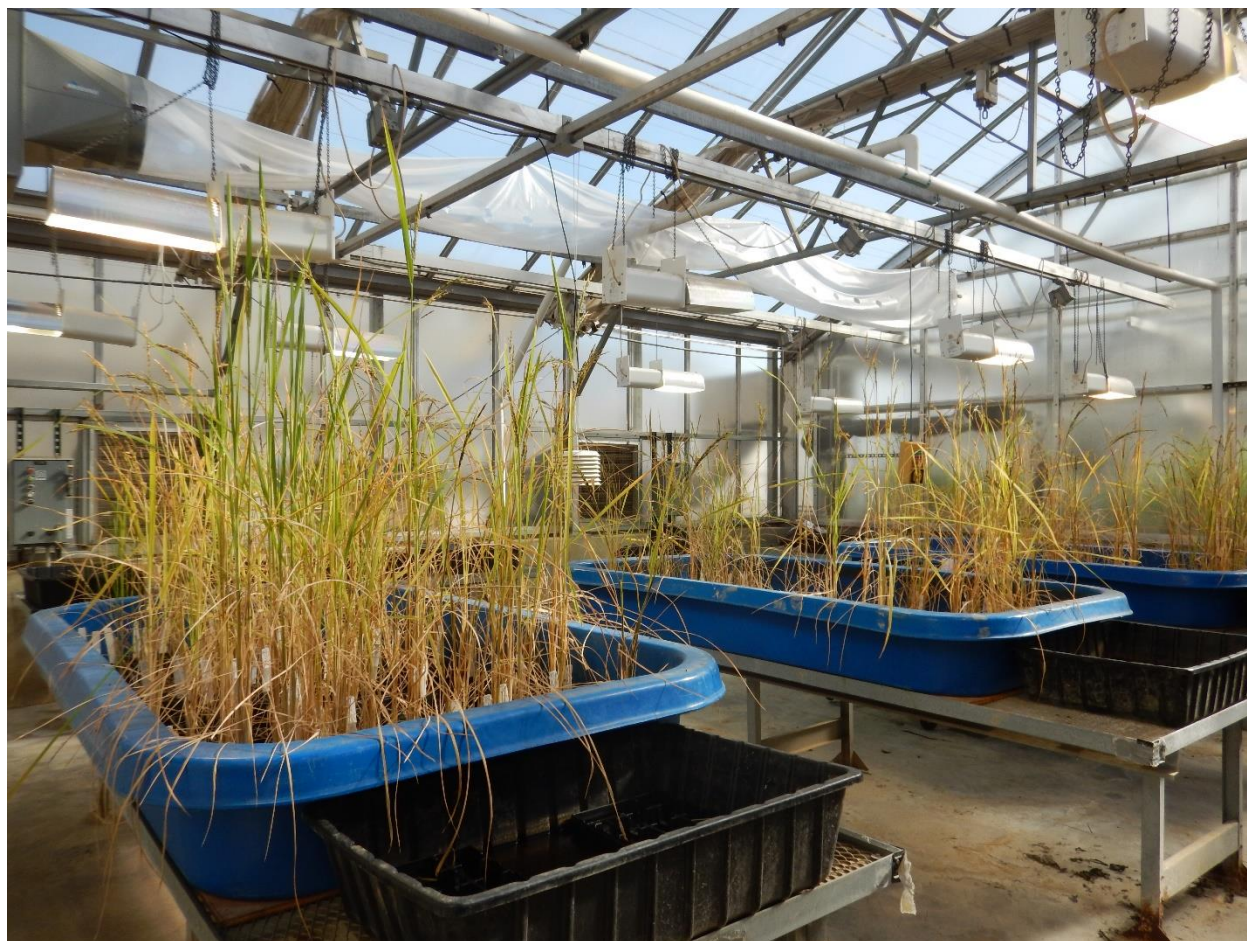


Photo # 205

Date: 11/16/2018

Description: Greenhouse number 4 – Growth / Mapping

Photographer: Angela Hays



Photo # 206

Date: 11/16/2018

Description: Greenhouse number 4 – Growth / Mapping

Photographer: Angela Hays



Photo # 207

Date: 11/16/2018

Description: Greenhouse number 3 – Grow Room for seed renewal and seed increase

Photographer: Angela Hays



Photo # 208

Date: 11/16/2018

Description: Greenhouse number 3 – Grow Room for seed renewal and seed increase

Photographer: Angela Hays



Photo # 209

Date: 11/16/2018

Description: Greenhouse number 5

Photographer: Angela Hays

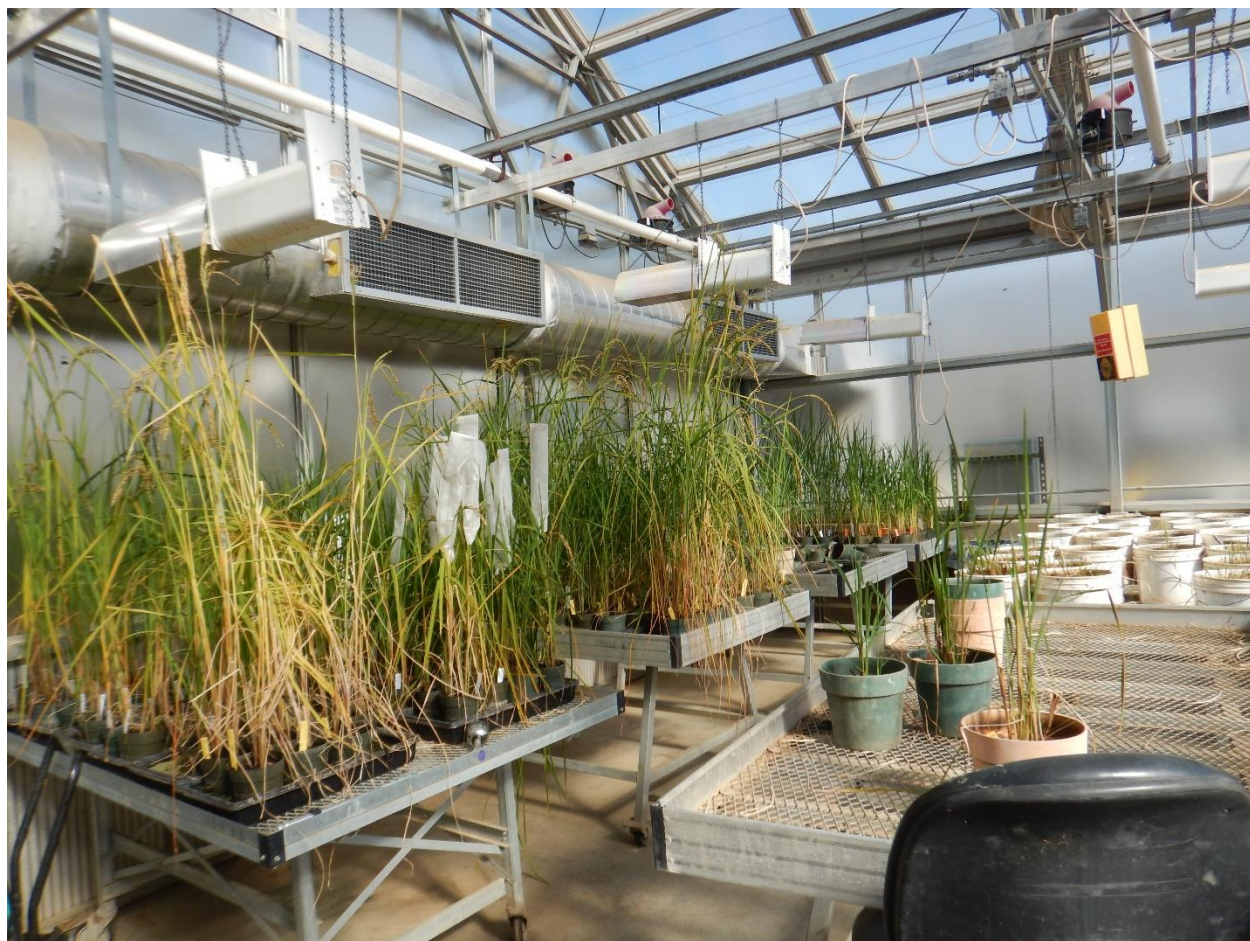


Photo # 210

Date: 11/16/2018

Description: Greenhouse number 2 – Group and family research

Photographer: Angela Hays

Appendix 2

RCRA Status	EPA ID	Profile Number	Chemical Name	RCRA Code	Container discription and #	Total Pounds	Spent/Unused	Date	Generator	
	1	ARR000011932	WP15002	N-nitroso-N-methylurea	U177	1X 100 ml AG, 25g product	0.055	Unused	11/17/2014	Ming Chen
	1	ARR000011932	WP15003	Formaldehyde Solution	U122	1X500ml PB	1.1	Unused	12/8/2014	Yulin Jia
	1	ARR000011932	WP15004	Lactophenol II Soutlionlactic acid,phenol, ethanol 1:1:1	U118	1X100 ml CG	0.22	Unused	12/8/2014	Yulin Jia
	3	ARR000011932	WP15005	ethidium bromide	Not RCRA Subject	1lbs, multiple containers	1	Unused	12/8/2014	Yulin Jia
	2	ARR000011932	WP15006	Buffer PBI	D001	1X150ml PB	0.33	Unused	12/8/2014	Yulin Jia
	3	ARR000011932	WP15007	Buffer AP3/E	Not RCRA Subject	125ml	0.275	Unused	12/8/2014	Yulin Jia
	2	ARR000011932	WP15008	Pyrethrum TR-insecticide	D001, D003	5X2oz aerosol cans	0.625	used, failed to empty	12/8/2014	Anna McClung
	2	ARR000011932	WP15009	Sodium (meta)Arsenite	D004	4X4L AG, 13L product	28.6	Spent	12/22/2014	Shannon Pinson
	1	ARR000011932	WP15010	Acrylamide/bis-acrylamide, 4%&6% solutions	U007	2X1L CG , 1.5L product	3.3	Unused	2/9/2015	David Gealy
	2	ARR000011932	WP15011	Chloroform Extract Waste 50%chloroform 50% plant matter	D022	4X500ml AG, 1L product	2.2	Spent	2/9/2015	Georgia Eizenga
	2	ARR000011932	WP15012	2-Mercaptoethanol	D003	1X100ml AG in Can, 25ml product	2.225	Unused	2/9/2015	Georgia Eizenga
	2	ARR000011932	WP15013	Pyrethrum TR-insecticide	D001, D003	1X2oz aerosol can	0.0125	used, failed to empty	2/9/2015	David Gealy
	2	ARR000011932	WP15014	Chloroform Extract Waste 50%chloroform 50% plant matter	D022	1X500ml AG, 0.5L product	1.1	Spent	2/9/2015	Jeremy Edwards
	2	ARR000011932	WP15015	Avid 0.15EC miticide/Insecticide	D003	1X8oz PB	0.5	Unused	2/9/2015	Georgia Eizenga
	2	ARR000011932	WP15016	Sodium (meta)Arsenite	D004	1X2 gal P	16	Spent	2/18/2015	Shannon Pinson
	2	ARR000011932	WP15018	Sodium (meta)Arsenite	D004	3X20L	132	Spent	5/20/2015	Shannon Pinson
	2	ARR000011932	WP160603	HPLC waste (20% acetonitrile, 0.01% tetrafluoroacetic acid, Trace <1ppm sodium (meta) Arsenite	D003,D002, D001	14X4L AG	125	Spent	6/3/2016	Jo Heuschle
	3	ARR000011932	WP171001	Polyol Ester (POE refrigerant oil)	Not RCRA subject	1Gal Spill, in 5 gallon spill kit bucket	30	Unused	10/12/2017	John Wallace
	3	ARR000011932	WP171002	ethidium bromide solution	Not RCRA Subject	1X 10ml	0.022	Unused	10/13/2017	Shanon Pinson
	3	ARR000011932	WP171004	DIG Wash and Block Buffer Set (Sodium maleate dibasic <20%)	Not RCRA Subject	6X500ml, 2X100ml (In two boxes)	8	Unused	10/16/2017	Yulin Jia
	2	ARR000011932	WP171005	Quigen Buffer QG and RWT(quanidine thiocyanate)	D003	11X250ml & 1X50ml QG, 1X45ml RWT, 2X45ml RLC	7	Unused	10/16/2017	yulin Jia
	2	ARR000011932	WP171006	Quigen Buffer PB	D001	4X250 ml plastic bottles	2.2	Unused	10/16/2017	yulin Jia
	3	ARR000011932	WP171007	Quigen Buffer N3	Not RCRA Subject	1X140ml plastic bottle	0.3	Unused	10/16/2017	yulin Jia
	2	ARR000011932	WP171008	Quigen Buffer AP2	D002, D001	5X90ml plastic bottles	1	unused	10/16/2017	yulin Jia
	3	ARR000011932	WP171009	Neutralization Solution	Not RCRA Subject	3X25ml plastic bottles	0.2	Unused	10/16/2017	yulin Jia
	3	ARR000011932	WP171010	Quantum Prep Matrix	Not RCRA Subject	4X25ml plastic bottles	0.25	Unused	10/16/2017	yulin Jia
	2	ARR000011932	WP171011	4M KCl saturated with AGCl	D011	3X100ml plastic bottles	0.66	Unused	10/20/2017	Ming Chen
	1	ARR000011932	WP171012	Ethyle Acetate Waste	U112	1X4L AG	8.8	Unused	10/20/2017	Ming Chen
	2	ARR000011932	WP171013	Acetonitrile Waste	D001, D003	1X4L AG	8.8	Spent	10/20/2017	Ming Chen
	2	ARR000011932	WP171014	DMSO Waste	D002	1X2l AG	8.8	Unused	10/20/2017	Ming Chen
	2	ARR000011932	WP171015	0.02% sodium azide, 0.1M sodium nitrate	D002, D003	1X4L AG	8.8	Spent HPLC Solvent	10/20/2017	Ming Chen
	2	ARR000011932	WP171102	5mM ammoinium acetate, 3mM sodium azide	D002, D003	1X4L AG	8.8	Spent HPLC Solvent	11/15/2017	Ming Chen
	2	ARR000011932	WP171103	1.5% pyridine, 50% isooctane, 3% cupric sulfate, Rice bran residue	D001, D038	1Gal glass	8	Spent	11/15/2017	Ming Chen
	3	ARR000011932	WP171104	2.5% ammonium Molybdate	Not RCRA Subject	1L G	2.2	Unused	11/15/2017	Ming Chen
	2	ARR000011932	WP171105	1M 1-methyl piperazine	D001	200mlX1	0.44	Unused	11/15/2017	Ming Chen
	2	ARR000011932	WP180401	5mM ammoinium acetate, 3mM sodium azide	D002, D003	1X4L AG 3/4 full	6.6	Spent HPLC Solvent	4/16/2018	Ming Chen
	2	AR0000011932	WP180402	Waste Petroleum Ether	D001	1X4L AG	8.8	Spent Extraction Solvent	4/16/2018	Ming Chen
	2	ARR000011932	WP180403	Waste 25mM Sulfuric Acid, 100yM iron 2 sulfate, 100yM Xylenol orange, 90%methanol	D001, D002	1X1Gal AG	8	Spent Extraction Solvent	4/16/2018	Ming Chen
	2	ARR000011932	WP180404	Potssium Hydroxide	D002	1X500g PB	1.1	Unused	4/16/2018	Ming Chen
	2	ARR000011932	WP180501	99% Methanol/rice roots	D001	1X20L hedpak	22	Used	5/3/2018	Jinyoung Barnaby
	3	ARR000011932	WP080514	Simazine	Not RCRA Subject	1X10ml AG, 100mg	0.11	Unused	5/25/2018	Dilday
	2	ARR000011932	WP180512	Sodium Selenite	D010	1X1gal metal can	0.22	Unused	5/25/2018	Shannon Pinson
	2	ARR000011932	WP180602	Waste Petroleum Ether	D001	1X4L AG	8.8	Spent Extraction Solvent	6/28/2018	Ming Chen
						474	Total			

RCRA Section 3007 – Inspections

As Defined under United States Code: *TITLE 42 > CHAPTER 82 > SUBCHAPTER III > § 6927*

(a) Access entry - For purposes of developing or assisting in the development of any regulation or enforcing the provisions of this chapter, any person who generates, stores, treats, transports, disposes of, or otherwise handles or has handled hazardous wastes shall, upon request of any officer, employee or representative of the Environmental Protection Agency, duly designated by the Administrator, or upon request of any duly designated officer, employee or representative of a State having an authorized hazardous waste program, furnish information relating to such wastes and permit such person at all reasonable times to have access to, and to copy all records relating to such wastes. For the purposes of developing or assisting in the development of any regulation or enforcing the provisions of this chapter, such officers, employees or representatives are authorized—

- (1) to enter at reasonable times any establishment or other place where hazardous wastes are or have been generated, stored, treated, disposed of, or transported from;
- (2) to inspect and obtain samples from any person of any such wastes and samples of any containers or labeling for such wastes.

Each such inspection shall be commenced and completed with reasonable promptness. If the officer, employee or representative obtains any samples, prior to leaving the premises, he shall give to the owner, operator, or agent in charge a receipt describing the sample obtained and if requested a portion of each such sample equal in volume or weight to the portion retained. If any analysis is made of such samples, a copy of the results of such analysis shall be furnished promptly to the owner, operator, or agent in charge.

(b) Availability to public

(1) Any records, reports, or information (including records, reports, or information obtained by representatives of the Environmental Protection Agency) obtained from any person under this section shall be available to the public, except that upon a showing satisfactory to the Administrator (or the State, as the case may be) by any person that records, reports, or information, or particular part thereof, to which the Administrator (or the State, as the case may be) or any officer, employee or representative thereof has access under this section if made public, would divulge information entitled to protection under section 1905 of title 18, such information or particular portion thereof shall be considered confidential in accordance with the purposes of that section, except that such record, report, document, or information may be disclosed to other officers, employees, or authorized representatives of the United States concerned with carrying out this chapter, or when relevant in any proceeding under this chapter.

(2) Any person not subject to the provisions of section 1905 of title 18 who knowingly and willfully divulges or discloses any information entitled to protection under this subsection shall, upon conviction, be subject to a fine of not more than \$5,000 or to imprisonment not to exceed one year, or both.

(3) In submitting data under this chapter, a person required to provide such data may—

(A) designate the data which such person believes is entitled to protection under this subsection, and

(B) submit such designated data separately from other data submitted under this chapter.

A designation under this paragraph shall be made in writing and in such manner as the Administrator may prescribe.

(4) Notwithstanding any limitation contained in this section or any other provision of law, all information reported to, or otherwise obtained by, the Administrator (or

any representative of the Administrator) under this chapter shall be made available, upon written request of any duly authorized committee of the Congress, to such committee.

(c) Federal facility inspections

The Administrator shall undertake on an annual basis a thorough inspection of each facility for the treatment, storage, or disposal of hazardous waste which is owned or operated by a department, agency, or instrumentality of the United States to enforce its compliance with this subchapter and the regulations promulgated thereunder. Any State with an authorized hazardous waste program also may conduct an inspection of any such facility for purposes of enforcing the facility's compliance with the State hazardous waste program. The records of such inspections shall be available to the public as provided in subsection (b) of this section. The department, agency, or instrumentality owning or operating each such facility shall reimburse the Environmental Protection Agency for the costs of the inspection of the facility. With respect to the first inspection of each such facility occurring after October 6, 1992, the Administrator shall conduct a comprehensive ground water monitoring evaluation at the facility, unless such an evaluation was conducted during the 12-month period preceding October 6, 1992.

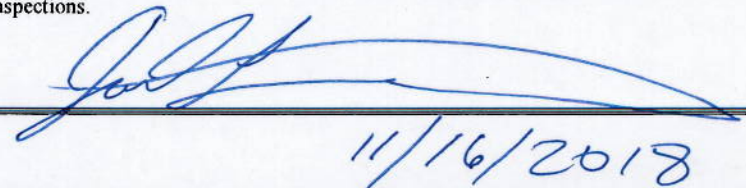
(d) State-operated facilities

The Administrator shall annually undertake a thorough inspection of every facility for the treatment, storage, or disposal of hazardous waste which is operated by a State or local government for which a permit is required under section 6925 of this title. The records of such inspection shall be available to the public as provided in subsection (b) of this section.

(e) Mandatory inspections

(1) The Administrator (or the State in the case of a State having an authorized hazardous waste program under this subchapter) shall commence a program to thoroughly inspect every facility for the treatment, storage, or disposal of hazardous waste for which a permit is required under section 6925 of this title no less often than every two years as to its compliance with this subchapter (and the regulations promulgated under this subchapter). Such inspections shall commence not later than twelve months after November 8, 1984. The Administrator shall, after notice and opportunity for public comment, promulgate regulations governing the minimum frequency and manner of such inspections, including the manner in which records of such inspections shall be maintained and the manner in which reports of such inspections shall be filed. The Administrator may distinguish between classes and categories of facilities commensurate with the risks posed by each class or category.

(2) Not later than six months after November 8, 1984, the Administrator shall submit to the Congress a report on the potential for inspections of hazardous waste treatment, storage, or disposal facilities by nongovernmental inspectors as a supplement to inspections conducted by officers, employees, or representatives of the Environmental Protection Agency or States having authorized hazardous waste programs or operating under a cooperative agreement with the Administrator. Such report shall be prepared in cooperation with the States, insurance companies offering environmental impairment insurance, independent companies providing inspection services, and other such groups as appropriate. Such report shall contain recommendations on provisions and requirements for a program of private inspections to supplement governmental inspections.



11/16/2018

Record of Completion

Joel Ledbetter

Course Name:

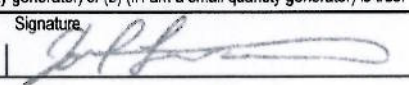
0.0 Hazardous Materials Regulations Introduction

Completion Date: 5/24/2018 | Score: 0%



U.S. Department of Transportation
Pipeline and Hazardous Materials Safety Administration

McClung	Anna	M	Hazardous Waste Generator (RCRA)	08-01-18
Barnaby	Jinyoung	Y	Hazardous Waste Generator (RCRA)	07-13-18
ABERNATHY	JASON	W	Hazardous Waste Generator (RCRA)	05-25-18
MOSER	JONATHAN	G	Hazardous Waste Generator (RCRA)	07-03-18
ROHILA	JAI	S	Hazardous Waste Generator (RCRA)	05-25-18
HUGGINS	TREVIS	D	Hazardous Waste Generator (RCRA)	06-20-18
RAY	CANDIS	L	Hazardous Waste Generator (RCRA)	07-11-18
Eizenga	Georgia	C	Hazardous Waste Generator (RCRA)	06-29-18
Brown	Jason	D	Hazardous Waste Generator (RCRA)	05-29-18
Ledbetter	Cynthia	K	Hazardous Waste Generator (RCRA)	06-12-18
Barnett	Louis	M	Hazardous Waste Generator (RCRA)	07-18-18
ROBERTS	Rebecca	J	Hazardous Waste Generator (RCRA)	06-20-18
Jia	Melissa	H	Hazardous Waste Generator (RCRA)	06-18-18
Bernhardt	Lorie		Hazardous Waste Generator (RCRA)	06-20-18
Black	Howard	L	Hazardous Waste Generator (RCRA)	06-08-18
Pinson	Shannon	R	Hazardous Waste Generator (RCRA)	06-04-18
Green	Bartholomew	W	Hazardous Waste Generator (RCRA)	06-04-18
McEntire	Matthew	E	Hazardous Waste Generator (RCRA)	06-18-18
Straus	David	L	Hazardous Waste Generator (RCRA)	05-30-18
Gealy	David	R	Hazardous Waste Generator (RCRA)	06-04-18
Grunden	Quynh	P	Hazardous Waste Generator (RCRA)	06-20-18
Rawles	Steven	D	Hazardous Waste Generator (RCRA)	06-26-18
BOX	Heather	N	Hazardous Waste Generator (RCRA)	07-16-18
LAWRENCE	BRENDA	S	Hazardous Waste Generator (RCRA)	07-16-18
CORAL	LUIS	E	Hazardous Waste Generator (RCRA)	07-12-18
EDWARDS	JEREMY		Hazardous Waste Generator (RCRA)	06-12-18
Farmer	Bradley	D	Hazardous Waste Generator (RCRA)	05-29-18
Chen	Ming Hsuan		Hazardous Waste Generator (RCRA)	06-23-18
Fuller	Sidney	A	Hazardous Waste Generator (RCRA)	06-04-18
Jia	Yulin		Hazardous Waste Generator (RCRA)	07-13-18
SELLS	Laduska	J	Hazardous Waste Generator (RCRA)	07-13-18
Grunden	Eric		Hazardous Waste Generator (RCRA)	06-22-18
Sookaserm	Tiffany	B	Hazardous Waste Generator (RCRA)	07-05-18
Jackson	Aaron	K	Hazardous Waste Generator (RCRA)	06-13-18
SHURTLEFF	DANA	J	Hazardous Waste Generator (RCRA)	07-07-18
EVERETTE	JACE	D	Hazardous Waste Generator (RCRA)	06-07-18
WEBSTER	CARL	D	Hazardous Waste Generator (RCRA)	05-25-18
HARPER	PAXTON	C	Hazardous Waste Generator (RCRA)	06-15-18
SCHUCKMANN	MATTHEW	M	Hazardous Waste Generator (RCRA)	05-30-18
LANGE	MILES	D	Hazardous Waste Generator (RCRA)	07-17-18

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number ARVSQG		2. Page 1 of 2	3. Emergency Response Phone (800) 392-1503	4. Manifest Tracking Number 012223423 FLE		
		5. Generator's Name and Mailing Address USDA-ARS HHS-Attn: DONRRC 2890 2800 Arkansas Hwy 130 E Stuttgart, AR 72160 Generator's Phone: (870) 673-4483						
6. Transporter 1 Company Name Midwest Environmental Transport, Inc.						U.S. EPA ID Number OH0000000539		
7. Transporter 2 Company Name						U.S. EPA ID Number		
8. Designated Facility Name and Site Address Environmental Enterprises, Inc. 4650 Spring Grove Avenue Cincinnati OH 45232 Facility's Phone: (513) 541-1823						U.S. EPA ID Number OHD083377010		
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers No. Type	11. Total Quantity	12. Unit Wt./Vol.	
	X	1. RQ, UN1992, Waste Flammable liquids, toxic, n.o.s., 3 (6.1), PGII (D001)			00001 DF	00130	2	
	X	2. UN1992, Waste Flammable liquids, toxic, n.o.s., 3 (6.1), PGII			00001 DF	00075	2	
	X	3. UN3099, Waste Oxidizing liquid, toxic, n.o.s., 5.1 (6.1), PGII			00001 DF	00010	2	
	X	4. UN3262, Waste Corrosive solid, basic, inorganic, n.o.s., 8, PGII			00001 DF	00003	2	
13. Waste Codes D001 D004 D001 D022 D001 D002								
14. Special Handling Instructions and Additional Information 1. V30505 ERG # 131 1x55 ; ARS2-001 2. V30505 ERG # 131 1x20 ; ARS2-002 3. V30505 ERG # 142 1x5 ; ARS2-003 4. V30505 ERG # 154 1x5 ; ARS2-004 EEL Work Order #VQ7399								
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 Joel Ledbetter				Signature 		Month Day Year 08 21 18		
INT'L	16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____							
	Transporter signature (for exports only): _____							
TRANSPORTER	17. Transporter Acknowledgment of Receipt of Materials							
	Transporter 1 Printed/Typed Name Mike Nichols				Signature 		Month Day Year 08 21 18	
DESIGNATED FACILITY	Transporter 2 Printed/Typed Name				Signature		Month Day Year	
	18. Discrepancy							
	18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ 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.		
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 ARVSQG	22. Page 2 of 2	23. Manifest Tracking Number 012223423 FLE		
24. Generator's Name USDA-ARS HHS-Army DBNREC 2890 2890 Arkansas Hwy 130 E Shugart, AR 72160						
25. Transporter _____ Company Name Midwest Environmental Transport, Inc.		U.S. EPA ID Number OH0000000539				
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 No. Type		29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes
X	5 UN2811, Waste Toxic solids, organic, n.o.s., (Ethidium bromide), 6.1, PGI	00001	DF	00008	P	
X	6 UN2811, Waste Toxic solids, organic, n.o.s., 6.1, PGI	00001	DF	00003	P	
X	7 UN1325, Waste Flammable solids, organic, n.o.s., 4.1, PGI	00001	DF	00005	P	D001 U177
X	8 UN2810, Waste Toxic liquids, organic, n.o.s., 6.1, PGI	00001	DF	00010	P	
X	9 UN3287, Waste Toxic liquid, inorganic, n.o.s., 6.1, PGI	00001	DF	00010	P	D004 D010
X	10 UN3254, Waste Corrosive liquid, acidic, inorganic, n.o.s., 8, PGI	00001	DF	00045	P	D002
X	11 UN3287, Waste Toxic liquid, inorganic, n.o.s., 6.1, PGI	00001	DF	00110	P	D004
X	12 UN1950, Waste Aerosols, 2.2	00001	DF	00001	P	
X	13 Non-Hazardous, Non-RCRA Regulated Material, (POE Oil, absorbent)	00001	DF	00006	G	
	14					
32. Special Handling Instructions and Additional Information 5. V30505 ERG # 154 1x5; ARS2-005 6. V30514 ERG # 153 1x5; ARS2-006 12. V30509 ERG # 126 1x5 6. V30505 ERG # 154 1x5; ARS2-006 9. V30514 ERG # 151 1x5; ARS2-009 13. V30515 1x5 7. V30514 ERG # 133 1x5; ARS2-007 10. V30505 ERG # 154 1x20; ARS2-010 11. V30514 ERG # 151 1x55; ARS2-011						
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)						