



ESHID-603620

Environmental Protection & Compliance Division
P.O. Box 1663, MS K491
Los Alamos, New Mexico 87545
(505) 667-2211

**National Nuclear Security Administration
Los Alamos Field Office**
3747 West Jemez Road, A316
Los Alamos, New Mexico, 87544
(505) 667-5105/Fax (505) 667-5948

Date: **FEB 12 2021**
Symbol: EPC-DO: 21-052
LA-UR: 21-21123
Locates Action No.:

Mr. Kevin Pierard, Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building 1
Santa Fe, NM 87595-6303

Subject: **Report for Mercury Spill at Los Alamos National Laboratory Technical Area-03, SM-40, Room N149, EPA ID# NM 0890010515**

Dear Mr. Pierard:

As requested by the New Mexico Environment Department-Hazardous Waste Bureau (NMED-HWB), the following report is submitted by National Nuclear Security Administration (NNSA) and Triad National Security, LLC (Triad) related to a mercury product spill that occurred on Friday, January 29, 2021 at Los Alamos National Laboratory (LANL) Technical Area (TA) 03, SM-40, room N149.

On Friday, January 29, 2021 at 5:55 p.m. an employee was using a Mercury Porosimeter within a laboratory and accidentally spilled approximately 50 grams (about 3.7 milliliters) of elemental mercury. This commercially available piece of equipment is designed to evaluate the porosity of samples by introducing pressurized mercury. The mercury, which spilled onto the instrument, the wall next to the instrument and the floor, was cleaned up over the next two hours. On Sunday January 31, 2021 the employee did not feel well and called the New Mexico (NM) Poison Hotline, who then directed the employee to an emergency room (ER) in Albuquerque, NM. Triad and NNSA managers were notified the same day. Hospital laboratory analysis results showed the employee had no detection of mercury in his system. The employee was released from the hospital on Monday, February 1, 2021, and returned to work on Thursday, February 4, 2021.

Waste generated from the clean-up consisted of liquid mercury and mercury contaminated wipes and gloves. The wipes and gloves were placed into a labeled one-gallon waste container within the Satellite Accumulation Area (SAA #6359) by the employee on the day of the incident. The liquid mercury was contained inside a mercury vacuum, provided by the Porosimeter manufacturer for mercury clean up, until Tuesday, February 2 when it was weighed and moved to a waste container in the same SAA listed above. The measured weight of the elemental mercury waste was approximately 50 grams. Lab trash contaminated with mercury from Porosimeter operations is managed under Waste Stream Profile (WSP) #47959 (Enclosure 1) as a hazardous waste carrying Environmental Protection Agency (EPA) waste code D009. Liquid mercury waste from Porosimeter operations is managed under WSP #47958 (Enclosure 1) as a hazardous waste carrying EPA waste code D009. All waste generated from the spill was placed in two poly 14 gallon drums. On Sunday, January 31, Triad cordoned off the impacted laboratory and made the proper notifications. The waste is currently being managed within a Central Accumulation Area (CAA #6578) as it is being prepared for off-site shipment and proper disposal.

In addition, Triad conducted a thorough and complete investigation of the laboratory and room where the incident occurred, and concluded that the incident did not present a hazard to human health or the environment. Based on the rigorous investigation, it was determined that no mercury was released into the environment and analysis confirmed that no traces of mercury were found outside of the laboratory where the Mercury Porosimeter is located.

If you have comments or questions regarding this submittal, please contact Jennifer Payne (Triad) at (505) 500-2273 or Karen Armijo (NA-LA) at (505) 221-3664.

Sincerely,

JENNIFER PAYNE
(Affiliate)

Digitally signed by JENNIFER
PAYNE (Affiliate)
Date: 2021.02.11 11:12:26
-07'00'

Jennifer E. Payne
Division Leader
Environmental Protection and Compliance Division
Triad National Security, LLC
Los Alamos National Laboratory

Sincerely,

Karen E. Armijo

Digitally signed by Karen E.
Armijo
Date: 2021.02.12 12:50:48 -07'00'

Karen Armijo
Permitting and Compliance Program Manager
National Nuclear Security Administration
Los Alamos Field Office
U.S. Department of Energy

JEP/KA/PLP:dt

Enclosure: 1) Waste Stream Profiles 47958 & 47959

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COPY



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ENCLOSURE 1

LANL Waste Stream Profiles 47958 & 47959

EPC-DO-21-052

LA-UR-21-21123

Date: FEB 12 2021



47958: WASTE STREAM PROFILE
 LIQUID MERCURY WASTE FROM POROSIMETER
 OPERATION

A: General Information

Waste Stream ID: 47958
Waste Stream Name: LIQUID MERCURY WASTE FROM POROSIMETER OPERATION
Company/Facility/Unit: LANL: 03: 000040
Waste Type: HAZ
LANL Source: Waste Source A: Research/Development/Testing
Defense Waste: _____
Generator Contact: RANGACHARY MUKUNDAN, 120748
WMC Contact: KYLE ANTHONY, 321367
Process Description: SOLID CATALYST IS WEIGHED IN A SMALL BOWL, THE BOWL IS FILLED WITH MERCURY AND THEN SUBJECTED TO HIGH PRESSURES TO DETERMINE PORE SIZE. IF DROPLETS WERE TO ESCAPE THE INSTRUMENT THEY ARE BRUSHED INTO OIL. THE OIL PREVENTS ANY POSSIBLE MERCURY VAPOR FROM GETTING INTO THE AIR FROM THESE DROPLETS. AFTER THE PRESSURE IS RELEASED THE MERCURY AND CATALYST ARE POURED INTO A WASTE CONTAINER.
Waste Profile Form: _____
Source Code: G22: Laboratory analytical wastes (used chemicals from laboratory operations)
Form Code: W117: Waste liquid mercury (metallic)
BIR: _____
Liquid flag: **Liquid Density:** 14 g/cm³
Status: Active/Approved
Expires: 1/1/22 8:32 am

B: Containers

Labeled ID	Date/Time of Origin	Volume	Gross Weight	Decommissioned
W860464	11/17/2020 01:11 pm	5.0 gal	16.4 lb	<input checked="" type="checkbox"/>

C: Documentation

Document Number	Document Title
2	AK - Liquid Mercury from Porosimeter Operation
1	MSDS (Mercury, Aluminum Oxide, High Pressure Fluid, Mobil 1 15W-50 Oil



47958: WASTE STREAM PROFILE
LIQUID MERCURY WASTE FROM POROSIMETER
OPERATION

D: EPA Codes				
EPA Code	Description			
D009C	Mercury Nonwastewaters that exhibit toxicity for Hg based on TCLP; and contain >= 260 mg/kg total Hg that are INORGANIC, including incinerator residues			
E: Underlying Hazardous Constituents				
CAS Number	Chemical Name			
7439-97-6	Mercury			
F: Nuclear Materials				
NM Type	Nuclear Material Name	Concentration		
		From	To	Unit
G: Composition				
CAS Number	Material Name	Concentration		
		From	To	Unit
	HIGH PRESSURE FLUID	1.00	20	wt%
	GAMMA ALUMINUM OXIDE (CAS# 1344-28-1)	0.10	1	wt%
	MOBIL 1 FORMULA 15W-50 MOTOR OIL	0.10	1	wt%
	NAFION	0.10	1	wt%
	CARBON (CAS# 7440-44-0)	0.10	1	wt%
	IRIDIUM	0.01	0	wt%
	PALLADIUM	0.01	0	wt%
	PLATINUM (CAS# 7440-06-4)	0.01	0	wt%
	RHODIUM (CAS# 7440-16-6)	0.01	0	wt%
	RUTHENIUM (CAS# 7440-18-8)	0.01	0	wt%
	TEFLON (CAS# 9002-84-0)	0.10	1	wt%
	OSMIUM (CAS# 7440-04-2)	0.01	0	wt%
I: Nuclides				
Nuclide Abbreviation	Concentration			
	From	To	Typical	Unit
J: Special Characteristics				
Characteristic Name	Response			
Inorganic				
Organic				



47958: WASTE STREAM PROFILE
 LIQUID MERCURY WASTE FROM POROSIMETER
 OPERATION

K: Work Path			
Path Name		Status	
CHEMLL HAZ Container		Inactive	
CHEMLL HAZ Waste Item		Inactive	
HAZ Container		Active	
HAZ Waste Item		Active	
L: Comments			
Name	Date and Time	Comments	
H: Reviewer			
Z-Number	Name	Approval	Signature Date and Time
Waste Generator Certification			
120748	RANGACHARYMUKUNDAN	Approved	1/2/20 8:32 am
Waste Management Approval			
321367	KYLEANTHONY	Approved	1/2/20 9:40 am
RCRA Review			
118692	ANDYELICIO	Approved	1/2/20 11:31 am



47958: WASTE STREAM PROFILE
LIQUID MERCURY WASTE FROM POROSIMETER
OPERATION

M: Edit Log		
Name	Date and Time	Explanation
KYLE ANTHONY	1/2/20 7:54 am	WS_GENESTIMATE added record [48428, 47958, 2020, 0.0, kg, 1.0, L, 1, null, 1954972, null, 1954972, null]
KYLE ANTHONY	1/2/20 7:54 am	WS_GENESTIMATE added record [48429, 47958, 2021, 0.0, kg, 1.0, L, 1, null, 1954972, null, 1954972, null]
KYLE ANTHONY	1/2/20 7:54 am	WS_GENESTIMATE added record [48430, 47958, 2022, 0.0, kg, 1.0, L, 1, null, 1954972, null, 1954972, null]
WCATS APPLICATION	1/2/20 8:32 am	BEGIN WS EVALUATION AT 01/02/2020 08:32:15 AM; COMMENT: CHECK USER AUTHORIZATION: PASSED (RANGACHARY MUKUNDAN, PERSON_ID=173489, SITEADMIN: NO, IN BEHAVIOR Waste Generator: YES) DETERMINE EXECUTION TYPE: VALIDATE CHECK SIGNATURE ORDER: PASSED CHECK SIGNATURE UNIQUENESS: PASSED TECHNICAL CONTACTS: PASSED SITE AREA: PASSED METHOD OF CHARACTERIZATION: PASSED DOCUMENTATION: PASSED WASTE PREVENTION/MINIMIZATION: PASSED CHEMICAL/PHYSICAL INFORMATION: PASSED WASTE CATEGORY: PASSED GENERATOR ESTIMATES: PASSED PROCESS AND WASTE DESCRIPTIONS: PASSED I/C/R CHARACTERISTICS: PASSED REACTIVITY: PASSED TOXICITY CHARACTERISTICS: PASSED COMPOSITION: PASSED COMPOSITION TOTAL: PASSED WORK CONTROL DOCUMENTATION: PASSED PACKAGING/STORAGE CONTROL: PASSED LDR INFORMATION: PASSED UHCS: PASSED NUCLIDES: PASSED WASTE CERTIFICATION STATEMENTS: PASSED COST CODES: PASSED SUMMARY RESULT: EXECUTION PASSED



47958: WASTE STREAM PROFILE
 LIQUID MERCURY WASTE FROM POROSIMETER
 OPERATION

M: Edit Log

Name	Date and Time	Explanation
WCATS APPLICATION	1/2/20 11:31 am	BEGIN WS EVALUATION AT 01/02/2020 11:31:12 AM; COMMENT: CHECK USER AUTHORIZATION: PASSED (ANDY ELICIO, PERSON_ID=165843, SITEADMIN: NO, IN GROUP GSS: YES) DETERMINE EXECUTION TYPE: APPROVE CHECK SIGNATURE ORDER: PASSED CHECK SIGNATURE UNIQUENESS: PASSED TECHNICAL CONTACTS: PASSED SITE AREA: PASSED METHOD OF CHARACTERIZATION: PASSED DOCUMENTATION: PASSED WASTE PREVENTION/MINIMIZATION: PASSED CHEMICAL/PHYSICAL INFORMATION: PASSED WASTE CATEGORY: PASSED GENERATOR ESTIMATES: PASSED PROCESS AND WASTE DESCRIPTIONS: PASSED I/C/R CHARACTERISTICS: PASSED REACTIVITY: PASSED TOXICITY CHARACTERISTICS: PASSED COMPOSITION: PASSED COMPOSITION TOTAL: PASSED WORK CONTROL DOCUMENTATION: PASSED PACKAGING/STORAGE CONTROL: PASSED LDR INFORMATION: PASSED UHCS: PASSED NUCLIDES: PASSED WASTE CERTIFICATION STATEMENTS: PASSED COST CODES: PASSED WORK PATH: PASSED HAZARDOUS CONSTITUENTS: PASSED REVIEW - COMPOSITION: PASSED REVIEW - COMPOSITION OPTIONS: PASSED REVIEW - EPA SOURCE/FORM CODES: PASSED REVIEW - CLASSIFICATION: PASSED APPROVING WASTE STREAM: PASSED SUMMARY RESULT: EXECUTION PASSED
KYLE ANTHONY	1/2/20 7:52 am	Copying waste stream attributes from: 43901; Copy Wastestream Authorization; Looking for [P=1954972, WS=43901, W=1, U=0]; Found [P=1954972, W=1, F=24, U=ALL, B=1, G=03-GEN];



47958: WASTE STREAM PROFILE
 LIQUID MERCURY WASTE FROM POROSIMETER
 OPERATION

M: Edit Log

Name	Date and Time	Explanation
WCATS APPLICATION	1/2/20 9:40 am	BEGIN WS EVALUATION AT 01/02/2020 09:40:42 AM; COMMENT: CHECK USER AUTHORIZATION: PASSED (KYLE ANTHONY, PERSON_ID=1954972, SITEADMIN: NO, IN BEHAVIOR Waste Coordinator: YES) DETERMINE EXECUTION TYPE: VALIDATE CHECK SIGNATURE ORDER: PASSED CHECK SIGNATURE UNIQUENESS: PASSED TECHNICAL CONTACTS: PASSED SITE AREA: PASSED METHOD OF CHARACTERIZATION: PASSED DOCUMENTATION: PASSED WASTE PREVENTION/MINIMIZATION: PASSED CHEMICAL/PHYSICAL INFORMATION: PASSED WASTE CATEGORY: PASSED GENERATOR ESTIMATES: PASSED PROCESS AND WASTE DESCRIPTIONS: PASSED I/C/R CHARACTERISTICS: PASSED REACTIVITY: PASSED TOXICITY CHARACTERISTICS: PASSED COMPOSITION: PASSED COMPOSITION TOTAL: PASSED WORK CONTROL DOCUMENTATION: PASSED PACKAGING/STORAGE CONTROL: PASSED LDR INFORMATION: PASSED UHCS: PASSED NUCLIDES: PASSED WASTE CERTIFICATION STATEMENTS: PASSED COST CODES: PASSED WORK PATH: PASSED SUMMARY RESULT: EXECUTION PASSED



47958: WASTE STREAM PROFILE
 LIQUID MERCURY WASTE FROM POROSIMETER
 OPERATION

M: Edit Log

Name	Date and Time	Explanation
KYLE ANTHONY	11/3/20 10:57 am	EXTENSION VALIDATION: GEN: OK, WMC: OK, PROCESS: OK; BEGIN WS EVALUATION AT 11/03/2020 10:57:54 AM TECHNICAL CONTACTS: PASSED SITE AREA: PASSED METHOD OF CHARACTERIZATION: PASSED DOCUMENTATION: PASSED WASTE PREVENTION/MINIMIZATION: PASSED CHEMICAL/PHYSICAL INFORMATION: PASSED WASTE CATEGORY: PASSED GENERATOR ESTIMATES: PASSED PROCESS AND WASTE DESCRIPTIONS: PASSED I/C/R CHARACTERISTICS: PASSED REACTIVITY: PASSED TOXICITY CHARACTERISTICS: PASSED COMPOSITION: PASSED COMPOSITION TOTAL: PASSED WORK CONTROL DOCUMENTATION: PASSED PACKAGING/STORAGE CONTROL: PASSED LDR INFORMATION: PASSED UHCS: PASSED NUCLIDES: PASSED WASTE CERTIFICATION STATEMENTS: PASSED COST CODES: PASSED WORK PATH: PASSED HAZARDOUS CONSTITUENTS: PASSED REVIEW - COMPOSITION: PASSED REVIEW - COMPOSITION OPTIONS: PASSED REVIEW - EPA SOURCE/FORM CODES: PASSED REVIEW - CLASSIFICATION: PASSED EXTENSION LENGTH: PASSED SUMMARY RESULT: EXECUTION PASSED



47959: WASTE STREAM PROFILE
 LAB TRASH CONTAMINATED WITH MERCURY FROM
 POROSIMETER OPERATION

A: General Information

Waste Stream ID: 47959

Waste Stream Name: LAB TRASH CONTAMINATED WITH MERCURY FROM POROSIMETER OPERATION

Company/Facility/Unit: LANL: 03: 000040

Waste Type: HAZ

LANL Source: Waste Source A: Research/Development/Testing

Defense Waste: _____

Generator Contact: RANGACHARY MUKUNDAN, 120748

WMC Contact: KYLE ANTHONY, 321367

Process Description: SOLID CATALYST IS WEIGHED IN A SMALL BOWL, THE BOWL IS FILLED WITH MERCURY AND THEN SUBJECTED TO HIGH PRESSURES TO DETERMINE PORE SIZE. IF DROPLETS WERE TO ESCAPE THE INSTRUMENT ARE BRUSHED INTO OIL. THE OIL PREVENTS ANY POSSIBLE MERCURY VAPOR FROM GETTING INTO THE AIR FROM THESE DROPLETS. AFTER THE PRESSURE IS RELEASED THE MERCURY AND CATALYST ARE Poured INTO A WASTE CONTAINER.

Waste Profile Form: _____

Source Code: G19: Other one-time or intermittent processes (specify in comments)

Form Code: W002: Contaminated debris: paper, clothing, rags, wood, empty fiber or plastic containers, glass, piping, other solids (usually from construction, demolitio

BIR: _____

Liquid flag: **Liquid Density:** _____ g/cm³

Status: Active/Approved

Expires: 1/1/22 2:57 pm

B: Containers

Labeled ID	Date/Time of Origin	Volume	Gross Weight	Decomissioned
W860465	11/17/2020 01:14 pm	14.0 gal	12.9 lb	<input checked="" type="checkbox"/>

C: Documentation

Document Number	Document Title
1	MSDS (Mercury, Aluminum Oxide, High Pressure Fluid, Mobil 1 15W-50 Oil
2	AK - Lab trash contaminated with Mercury



47959: WASTE STREAM PROFILE
 LAB TRASH CONTAMINATED WITH MERCURY FROM
 POROSIMETER OPERATION

D: EPA Codes				
EPA Code	Description			
D009B	Mercury Nonwastewaters that exhibit toxicity for Hg based on TCLP; and contain >= 260 mg/kg total Hg that contain ORGANICS and are NOT incinerator residues			
E: Underlying Hazardous Constituents				
CAS Number	Chemical Name			
7439-97-6	Mercury			
F: Nuclear Materials				
NM Type	Nuclear Material Name	Concentration		
		From	To	Unit
G: Composition				
CAS Number	Material Name	Concentration		
		From	To	Unit
	CELLULOSICS	90.00	95	wt%
	HIGH PRESSURE FLUID	1.00	2	wt%
	MOBIL 1 FORMULA 15W-50 MOTOR OIL	1.00	2	wt%
	NAFION	0.10	1	wt%
	GAMMA ALUMINUM OXIDE (CAS# 1344-28-1)	0.10	1	wt%
	CARBON (CAS# 7440-44-0)	0.10	1	wt%
	IRIDIUM	0.01	0	wt%
	PALLADIUM	0.01	0	wt%
	PLATINUM (CAS# 7440-06-4)	0.01	0	wt%
	RHODIUM (CAS# 7440-16-6)	0.01	0	wt%
	RUTHENIUM (CAS# 7440-18-8)	0.01	0	wt%
	TEFLON (CAS# 9002-84-0)	0.10	1	wt%
	OSMIUM (CAS# 7440-04-2)	0.01	0	wt%
I: Nuclides				
Nuclide Abbreviation	Concentration			
	From	To	Typical	Unit
J: Special Characteristics				
Characteristic Name	Response			
Inorganic				
Organic				



47959: WASTE STREAM PROFILE
 LAB TRASH CONTAMINATED WITH MERCURY FROM
 POROSIMETER OPERATION

K: Work Path			
Path Name		Status	
CHEMLL HAZ Container		Inactive	
CHEMLL HAZ Waste Item		Inactive	
HAZ Container		Active	
HAZ Waste Item		Active	
L: Comments			
Name	Date and Time	Comments	
H: Reviewer			
Z-Number	Name	Approval	Signature Date and Time
Waste Generator Certification			
120748	RANGACHARYMUKUNDAN	Approved	1/2/20 2:57 pm
Waste Certifying Official			
321367	KYLEANTHONY	Approved	1/3/20 6:19 am
RCRA Review			
239137	ROBERTMOLTER	Approved	1/3/20 7:51 am



47959: WASTE STREAM PROFILE
LAB TRASH CONTAMINATED WITH MERCURY FROM
POROSIMETER OPERATION

M: Edit Log		
Name	Date and Time	Explanation
KYLE ANTHONY	1/2/20 7:53 am	Copying waste stream attributes from: 43900; Copy Wastestream Authorization; Looking for [P=1954972, WS=43900, W=1, U=0]; Found [P=1954972, W=1, F=24, U=ALL, B=1, G=03-GEN];
KYLE ANTHONY	1/2/20 2:30 pm	Edit Wastestream Authorization; Looking for [P=1954972, WS=47959, W=1, U=999]; Found [P=1954972, W=1, F=24, U=ALL, B=1, G=03-GEN]; Reason for Edit: removing boiling point as is solid
KYLE ANTHONY	1/2/20 2:31 pm	Edit Wastestream Authorization; Looking for [P=1954972, WS=47959, W=1, U=999]; Found [P=1954972, W=1, F=24, U=ALL, B=1, G=03-GEN]; Reason for Edit: removing boil point as it is solid
WCATS APPLICATION	1/3/20 6:19 am	BEGIN WS EVALUATION AT 01/03/2020 06:19:56 AM; COMMENT: CHECK USER AUTHORIZATION: PASSED (KYLE ANTHONY, PERSON_ID=1954972, SITEADMIN: NO, IN BEHAVIOR Waste Coordinator: YES) DETERMINE EXECUTION TYPE: VALIDATE CHECK SIGNATURE ORDER: PASSED CHECK SIGNATURE UNIQUENESS: PASSED TECHNICAL CONTACTS: PASSED SITE AREA: PASSED METHOD OF CHARACTERIZATION: PASSED DOCUMENTATION: PASSED WASTE PREVENTION/MINIMIZATION: PASSED CHEMICAL/PHYSICAL INFORMATION: PASSED WASTE CATEGORY: PASSED GENERATOR ESTIMATES: PASSED PROCESS AND WASTE DESCRIPTIONS: PASSED I/C/R CHARACTERISTICS: PASSED REACTIVITY: PASSED TOXICITY CHARACTERISTICS: PASSED COMPOSITION: PASSED COMPOSITION TOTAL: PASSED WORK CONTROL DOCUMENTATION: PASSED PACKAGING/STORAGE CONTROL: PASSED LDR INFORMATION: PASSED UHCS: PASSED NUCLIDES: PASSED WASTE CERTIFICATION STATEMENTS: PASSED COST CODES: PASSED WORK PATH: PASSED SUMMARY RESULT: EXECUTION PASSED



47959: WASTE STREAM PROFILE
 LAB TRASH CONTAMINATED WITH MERCURY FROM
 POROSIMETER OPERATION

M: Edit Log

Name	Date and Time	Explanation
WCATS APPLICATION	1/2/20 9:40 am	BEGIN WS EVALUATION AT 01/02/2020 09:40:52 AM; COMMENT: CHECK USER AUTHORIZATION: PASSED (KYLE ANTHONY, PERSON_ID=1954972, SITEADMIN: NO, IN BEHAVIOR Waste Coordinator: YES) DETERMINE EXECUTION TYPE: VALIDATE CHECK SIGNATURE ORDER: PASSED CHECK SIGNATURE UNIQUENESS: PASSED TECHNICAL CONTACTS: PASSED SITE AREA: PASSED METHOD OF CHARACTERIZATION: PASSED DOCUMENTATION: PASSED WASTE PREVENTION/MINIMIZATION: PASSED CHEMICAL/PHYSICAL INFORMATION: PASSED WASTE CATEGORY: PASSED GENERATOR ESTIMATES: PASSED PROCESS AND WASTE DESCRIPTIONS: PASSED I/C/R CHARACTERISTICS: PASSED REACTIVITY: PASSED TOXICITY CHARACTERISTICS: PASSED COMPOSITION: PASSED COMPOSITION TOTAL: PASSED WORK CONTROL DOCUMENTATION: PASSED PACKAGING/STORAGE CONTROL: PASSED LDR INFORMATION: PASSED UHCS: PASSED NUCLIDES: PASSED WASTE CERTIFICATION STATEMENTS: PASSED COST CODES: PASSED WORK PATH: PASSED SUMMARY RESULT: EXECUTION PASSED



47959: WASTE STREAM PROFILE
LAB TRASH CONTAMINATED WITH MERCURY FROM
POROSIMETER OPERATION

M: Edit Log		
Name	Date and Time	Explanation
WCATS APPLICATION	1/2/20 2:57 pm	BEGIN WS EVALUATION AT 01/02/2020 02:57:33 PM; COMMENT: CHECK USER AUTHORIZATION: PASSED (RANGACHARY MUKUNDAN, PERSON_ID=173489, SITEADMIN: NO, IN BEHAVIOR Waste Generator: YES) DETERMINE EXECUTION TYPE: VALIDATE CHECK SIGNATURE ORDER: PASSED CHECK SIGNATURE UNIQUENESS: PASSED TECHNICAL CONTACTS: PASSED SITE AREA: PASSED METHOD OF CHARACTERIZATION: PASSED DOCUMENTATION: PASSED WASTE PREVENTION/MINIMIZATION: PASSED CHEMICAL/PHYSICAL INFORMATION: PASSED WASTE CATEGORY: PASSED GENERATOR ESTIMATES: PASSED PROCESS AND WASTE DESCRIPTIONS: PASSED I/C/R CHARACTERISTICS: PASSED REACTIVITY: PASSED TOXICITY CHARACTERISTICS: PASSED COMPOSITION: PASSED COMPOSITION TOTAL: PASSED WORK CONTROL DOCUMENTATION: PASSED PACKAGING/STORAGE CONTROL: PASSED LDR INFORMATION: PASSED UHCS: PASSED NUCLIDES: PASSED WASTE CERTIFICATION STATEMENTS: PASSED COST CODES: PASSED SUMMARY RESULT: EXECUTION PASSED



47959: WASTE STREAM PROFILE
LAB TRASH CONTAMINATED WITH MERCURY FROM
POROSIMETER OPERATION

M: Edit Log

Name	Date and Time	Explanation
WCATS APPLICATION	1/3/20 7:51 am	BEGIN WS EVALUATION AT 01/03/2020 07:51:21 AM; COMMENT: CHECK USER AUTHORIZATION: PASSED (ROBERT MOLTER, PERSON_ID=903605, SITEADMIN: NO, IN GROUP GSS: YES) DETERMINE EXECUTION TYPE: APPROVE CHECK SIGNATURE ORDER: PASSED CHECK SIGNATURE UNIQUENESS: PASSED TECHNICAL CONTACTS: PASSED SITE AREA: PASSED METHOD OF CHARACTERIZATION: PASSED DOCUMENTATION: PASSED WASTE PREVENTION/MINIMIZATION: PASSED CHEMICAL/PHYSICAL INFORMATION: PASSED WASTE CATEGORY: PASSED GENERATOR ESTIMATES: PASSED PROCESS AND WASTE DESCRIPTIONS: PASSED I/C/R CHARACTERISTICS: PASSED REACTIVITY: PASSED TOXICITY CHARACTERISTICS: PASSED COMPOSITION: PASSED COMPOSITION TOTAL: PASSED WORK CONTROL DOCUMENTATION: PASSED PACKAGING/STORAGE CONTROL: PASSED LDR INFORMATION: PASSED UHCS: PASSED NUCLIDES: PASSED WASTE CERTIFICATION STATEMENTS: PASSED COST CODES: PASSED WORK PATH: PASSED HAZARDOUS CONSTITUENTS: PASSED REVIEW - COMPOSITION: PASSED REVIEW - COMPOSITION OPTIONS: PASSED REVIEW - EPA SOURCE/FORM CODES: PASSED REVIEW - CLASSIFICATION: PASSED APPROVING WASTE STREAM: PASSED SUMMARY RESULT: EXECUTION PASSED
KYLE ANTHONY	1/2/20 7:55 am	WS_GENESTIMATE added record [48431, 47959, 2020, 0.0, kg, 1.0, gal, 1, null, 1954972, null, 1954972, null]
KYLE ANTHONY	1/2/20 7:55 am	WS_GENESTIMATE added record [48432, 47959, 2021, 0.0, kg, 1.0, gal, 1, null, 1954972, null, 1954972, null]
KYLE ANTHONY	1/2/20 7:55 am	WS_GENESTIMATE added record [48433, 47959, 2022, 0.0, kg, 1.0, gal, 1, null, 1954972, null, 1954972, null]



47959: WASTE STREAM PROFILE
 LAB TRASH CONTAMINATED WITH MERCURY FROM
 POROSIMETER OPERATION

M: Edit Log		
Name	Date and Time	Explanation
ROBERT MOLTER	1/2/20 11:22 am	Edit Wastestream Authorization; Looking for [P=903605, WS=47959, W=1, U=999]; Found [P=903605, W=1, U=999, B=2, G=GSS]; Reason for Edit: edit
WCATS APPLICATION	1/2/20 2:31 pm	BEGIN WS EVALUATION AT 01/02/2020 02:31:07 PM; COMMENT: CHECK USER AUTHORIZATION: PASSED (KYLE ANTHONY, PERSON_ID=1954972, SITEADMIN: NO, IN BEHAVIOR Waste Coordinator: YES) DETERMINE EXECUTION TYPE: REVOKE CHECK SIGNATURE ORDER: PASSED SUMMARY RESULT: EXECUTION PASSED
WCATS APPLICATION	1/2/20 2:31 pm	BEGIN WS EVALUATION AT 01/02/2020 02:31:10 PM; COMMENT: CHECK USER AUTHORIZATION: PASSED (KYLE ANTHONY, PERSON_ID=1954972, SITEADMIN: NO, IN BEHAVIOR Waste Generator: YES) DETERMINE EXECUTION TYPE: REVOKE CHECK SIGNATURE ORDER: PASSED SUMMARY RESULT: EXECUTION PASSED



47959: WASTE STREAM PROFILE
 LAB TRASH CONTAMINATED WITH MERCURY FROM
 POROSIMETER OPERATION

M: Edit Log

Name	Date and Time	Explanation
WCATS APPLICATION	1/2/20 8:33 am	BEGIN WS EVALUATION AT 01/02/2020 08:33:25 AM; COMMENT: CHECK USER AUTHORIZATION: PASSED (RANGACHARY MUKUNDAN, PERSON_ID=173489, SITEADMIN: NO, IN BEHAVIOR Waste Generator: YES) DETERMINE EXECUTION TYPE: VALIDATE CHECK SIGNATURE ORDER: PASSED CHECK SIGNATURE UNIQUENESS: PASSED TECHNICAL CONTACTS: PASSED SITE AREA: PASSED METHOD OF CHARACTERIZATION: PASSED DOCUMENTATION: PASSED WASTE PREVENTION/MINIMIZATION: PASSED CHEMICAL/PHYSICAL INFORMATION: PASSED WASTE CATEGORY: PASSED GENERATOR ESTIMATES: PASSED PROCESS AND WASTE DESCRIPTIONS: PASSED I/C/R CHARACTERISTICS: PASSED REACTIVITY: PASSED TOXICITY CHARACTERISTICS: PASSED COMPOSITION: PASSED COMPOSITION TOTAL: PASSED WORK CONTROL DOCUMENTATION: PASSED PACKAGING/STORAGE CONTROL: PASSED LDR INFORMATION: PASSED UHCS: PASSED NUCLIDES: PASSED WASTE CERTIFICATION STATEMENTS: PASSED COST CODES: PASSED SUMMARY RESULT: EXECUTION PASSED
ROBERT MOLTER	1/2/20 11:27 am	WS_EPACODE added record [53100, D009B, 47959, 903605, null, 903605, null, null]
ROBERT MOLTER	1/2/20 11:27 am	WS_EPACODE deleted record [53099, D009C, 47959, 0, 01- 02-2020 07:53 AM, 0, 01-02-2020 07:53 AM, MERCURY]



47959: WASTE STREAM PROFILE
 LAB TRASH CONTAMINATED WITH MERCURY FROM
 POROSIMETER OPERATION

M: Edit Log		
Name	Date and Time	Explanation
KYLE ANTHONY	11/3/20 10:58 am	EXTENSION VALIDATION: GEN: OK, WMC: OK, PROCESS: OK; BEGIN WS EVALUATION AT 11/03/2020 10:58:24 AM TECHNICAL CONTACTS: PASSED SITE AREA: PASSED METHOD OF CHARACTERIZATION: PASSED DOCUMENTATION: PASSED WASTE PREVENTION/MINIMIZATION: PASSED CHEMICAL/PHYSICAL INFORMATION: PASSED WASTE CATEGORY: PASSED GENERATOR ESTIMATES: PASSED PROCESS AND WASTE DESCRIPTIONS: PASSED I/C/R CHARACTERISTICS: PASSED REACTIVITY: PASSED TOXICITY CHARACTERISTICS: PASSED COMPOSITION: PASSED COMPOSITION TOTAL: PASSED WORK CONTROL DOCUMENTATION: PASSED PACKAGING/STORAGE CONTROL: PASSED LDR INFORMATION: PASSED UHCS: PASSED NUCLIDES: PASSED WASTE CERTIFICATION STATEMENTS: PASSED COST CODES: PASSED WORK PATH: PASSED HAZARDOUS CONSTITUENTS: PASSED REVIEW - COMPOSITION: PASSED REVIEW - COMPOSITION OPTIONS: PASSED REVIEW - EPA SOURCE/FORM CODES: PASSED REVIEW - CLASSIFICATION: PASSED EXTENSION LENGTH: PASSED SUMMARY RESULT: EXECUTION PASSED