



U.S. DEPARTMENT OF ENERGY

Environmental Management

Los Alamos Field Office
1200 Trinity Drive, Suite 400
Los Alamos, New Mexico 87544
(240) 562-1122

National Nuclear Security Administration

Los Alamos Field Office
3747 West Jemez Road, MS A316
Los Alamos, New Mexico 87544
(505) 667-5105/Fax (505) 667-5948



Date: June 6, 2023
Refer To: N3B-2023-0169

Ms. Siona Briley, STP Project Manager
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building 1
Santa Fe, NM 87505-6313

Subject: Notice of Completion of Off-Site Waste Shipment for Final Disposal, Activities 3.1.3, 3.3.4, and 4.0, Compliance Plan, Site Treatment Plan, Federal Facility Compliance Order, Los Alamos National Laboratory

Dear Ms. Briley:

This letter notifies the New Mexico Environment Department (NMED) that Newport News Nuclear BWXT-Los Alamos, LLC (N3B) has completed required activities at Los Alamos National Laboratory (LANL), as set forth in the Federal Facility Compliance Order (FFCO), Sections 3.1.3, 3.3.4, and 4.0 in the Part III Compliance Plan (CP) of the Site Treatment Plan (STP).

Activities 3.1.3, 3.3.4, and 4.0 in Part III CP of the STP requires that “within 45 working days of receipt of the waste at treatment facility or within 45 working days after completion of parallel option,” the U.S. Department of Energy (DOE) and N3B shall “provide documentation to NMED that waste was received at off-site facility or provide notification of parallel option.”

On April 13, 2023, N3B shipped three (3) standard waste boxes-direct load (SWB-DL) and three (3) 55-gal. drums of mixed transuranic (MTRU) waste (shipments LA230019 and LA230020) to the Waste Isolation Pilot Plant (WIPP) in Carlsbad, New Mexico. WIPP received the shipments on April 13, 2023. Shipment details are provided in Table 1.

On April 17, 2023, N3B shipped one (1) SWB-DL and five (5) B25 boxes of mixed low-level waste (MLLW) (shipment PF1943992) to Perma-Fix of Florida, Inc. (Perma-Fix) in Gainesville, Florida. Perma-Fix received the shipment on April 20, 2023. Shipment details are provided in Table 2.

Table 1
STP-Covered MTRU Shipment April 13, 2023,
Shipped to WIPP, Sorted by Treatability Group

CP Section	Shipped Container ID	Mixed Waste Inventory Report	Treatability Group	Shipment Manifest	Volume Removed from STP Inventory (m ³)	Shipment Date
4.0	LA00000067962	LA-CIN01.001	Cemented Sludge Waste	014834228FLE	1.878	4/13/2023
4.0	LA00000067988	LA-CIN01.001	Cemented Sludge Waste	014834228FLE	1.878	4/13/2023
4.0	LA00000067956	LA-CIN01.001	Cemented Sludge Waste	014834206FLE	1.878	4/13/2023
4.0	LASB02546 /LA00000067255	LA-MHD01.001	Combustible - Noncombustible Waste	014834206FLE	0.208	4/13/2023
4.0	LASB02546 /LA00000077405	LA-MHD01.001	Combustible - Noncombustible Waste	014834206FLE	0.208	4/13/2023
4.0	LASB02546 /LA00000092699	LA-MHD01.001	Combustible - Noncombustible Waste	014834206FLE	0.208	4/13/2023
Total					6.258	

Note: The container volume reference in the Los Alamos National Laboratory (LANL) waste management database is the following: a 55-gal. drum is 0.208 m³, and an SWB-DL is 1.878 m³. Before 2008, SWBs-DL were noted as 1.9 m³ in a system called the Stored Waste Operations Oracle Network (SWOON). When the Waste Compliance and Tracking System (WCATS) was introduced as the new system being used, it was automatically populated with SWOON data. The current WCATS system automatically populates SWBs as 1.878 m³.

Table 2
STP-Covered MLLW Shipment, April 17, 2023,
Shipped to Perma-Fix, Sorted by Treatability Group

CP Section	Shipped Container ID	Mixed Waste Inventory Report	Treatability Group	Shipment Manifest	Volume Removed from STP Inventory (m ³)	Shipment Date
3.1.3	W793140	LA-W935	10–100 nCi/g Waste	010505900FLE	1.9	4/17/2023
3.3.4	W835971	LA-W935	10–100 nCi/g Waste	010505900FLE	2.5	4/17/2023
3.3.4	W836127	LA-W935	10–100 nCi/g Waste	010505900FLE	2.718	4/17/2023
3.3.4	W836262	LA-W935	10–100 nCi/g Waste	010505900FLE	2.548	4/17/2023
3.3.4	W838530	LA-W935	10–100 nCi/g Waste	010505900FLE	2.548	4/17/2023
3.3.4	W839342	LA-W935	10–100 nCi/g Waste	010505900FLE	2.548	4/17/2023
Total					14.762	

Note: The container volume reference in the LANL waste management database is the following: a B25 box is 2.548 m³, and an SWB-DL is 1.878 m³. All volumes reflect the data obtained from the WCATS.

Copies of the waste manifests are enclosed (manifests 014834228FLE, 014834206FLE, and 010505900FLE).

If you have any questions, please contact Anthony Stone at (505) 690-9505 (anthony.stone@em-la.doe.gov) or Arturo Duran at (575) 373-5966 (arturo.duran@em.doe.gov).

Certification

In accordance with the requirements of Section XX of the FFCO, "Documents, Information, and Reporting Requirements," we certify, as the project managers responsible for overseeing the implementation of the STP for N3B and for DOE's Environmental Management Los Alamos Field Office (EM-LA) that, to the best of our knowledge, the information in the document is true, accurate, and complete.

Sincerely,



Anthony Stone
STP Project Manager
CH-TRU
N3B-Los Alamos

Sincerely,

ARTURO
DURAN

Digitally signed by
ARTURO DURAN
Date: 2023.06.06
11:02:19 -06'00'

Arturo Duran
STP Project Manager
U.S. Department of Energy
Environmental Management
Los Alamos Field Office

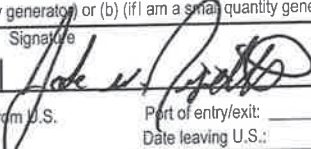

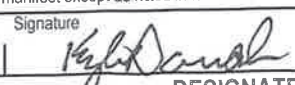
Enclosure(s): Manifests 014834228FLE, 014834206FLE, and 010505900FLE

cc (letter and enclosure[s] emailed):

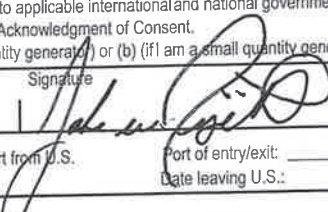
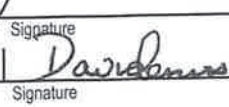
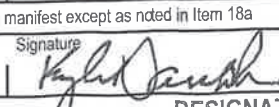
Laurie King, EPA Region 6, Dallas, TX
Neelam Dhawan, NMED-HWB
Ricardo Maestas, NMED-HWB
Mitchell Schatz, NMED-HWB
Rick Shean, NMED-RPD/HWB
Stephen Hoffman, NA-LA
M. Lee Bishop, EM-LA
Jesse Kahler, EM-LA
Michael Mikolanis, EM-LA
Cheryl Rodriguez, EM-LA
Diego Archuleta, LANL
Jessica Moseley, LANL
Adrienne Nash, LANL
Jennifer Payne, LANL
Sandra Story-Hughes, LANL
William Alexander, N3B
Carol Anderson, N3B
Gwen Bechtel, N3B
Ellen Gammon, N3B
Debby Holgerson, N3B
Jeff Holland, N3B

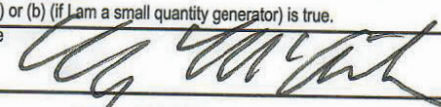

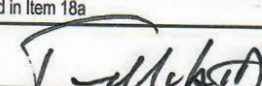
Kim Lebak, N3B
Nichole Lundgard, N3B
Christian Maupin, N3B
Ovide Morin, N3B
Gerald O’Leary III, N3B
Vince Rodriguez, N3B
Angel Sanchez, N3B
Bradley Smith, N3B
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interface@lanl.gov
locatetesteam@lanl.gov
n3binterface@lem-la.doe.gov
n3brecords@em-la.doe.gov
Public Reading Room (EPRR)
rcra-prr@lanl.gov

Please print or type.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number NM0839010519		2. Page 1 of 1		3. Emergency Response Phone (575) 885-6883		4. Manifest Tracking Number 014834228 FLE											
		5. Generator's Name and Mailing Address LANL ON BEHALF OF THE US DEPT OF ENERGY Pajarito Rd.: LOS ALAMOS, NM 87545 Generator's Phone: (505) 551-2448						Generator's Site Address (if different than mailing address) Triad, LLC on behalf of the US DEPT of Energy BIKINI ATOLL ROAD, BLDG 2M-30: LOS ALAMOS, NM 87545											
GENERATOR		6. Transporter 1 Company Name CAST Specialty Transportation, Inc.						U.S. EPA ID Number CR000206722											
		7. Transporter 2 Company Name						U.S. EPA ID Number											
INT'L		8. Designated Facility Name and Site Address SALADO ISOLATION MINING CONTRACTORS, LLC for U.S. DEPT OF ENERGY 30 MILES EAST OF CARLEAD ON JAL HWY Eddy County, NM 88221 (575) 234-8457 Facility's Phone:						U.S. EPA ID Number NM4390139083											
		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.		13. Waste Codes			
TRANSPORTER		EQ		1. UN3328, Waste Radioactive material, Type B(U) package, fissile, 7, Pu-239, Pu-240, Am-241, Solid, Elemental, Activity= 2.703E00 TBq, RADIOACTIVE YELLOWII, TI-0.4, CSI-0.0 U2A/9218/B(U) F-96 TP-127						1		CM		1,733		KG		D004 D005 D006 D007 D008 D009	
		EQ		2. UN3328, Waste Radioactive material, Type B(U) package, fissile, 7, Pu-239, Pu-240, Am-241, Solid, Elemental, Activity= 1.621E00 TBq, RADIOACTIVE YELLOWII, TI-0.4, CSI-0.0 U2A/9218/B(U) F-96 TP-162						1		CM		1,069		KG		D004 D005 D006 D007 D008 D009	
		X		3. UN2908, Radioactive material, excepted package-empty packaging, TP-163						1		CM		5,356		KG			
		4.																	
DESIGNATED FACILITY		14. Special Handling Instructions and Additional Information Shipment# LA230019, LANL POC: Rick Romero/Master Trujillo 505-412-9271/505-500-6129 Emergency response #165,161 Tractor#C51, Trailer#C-326, Gross Weights: TP#127= 7551kg, TP#162= 6993kg, TP#168= 5956kg Emergency Response Information Provider: Los Alamos National Laboratory (505) 667-2400, AUA-VPA-203/VUA-VPA-225																	
		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.																	
DESIGNATED FACILITY		Generator's/Offoror's Printed/Typed Name Jake Trujillo										Signature 		Month Day Year 04 13 23					
		16. 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.: _____																	
DESIGNATED FACILITY		17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name MARK E BEENE										Signature 		Month Day Year 04 13 23					
		Transporter 2 Printed/Typed Name										Signature		Month Day Year					
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) Facility's Phone: _____ 18c. Signature of Alternate Facility (or Generator) _____ Month Day Year																	
DESIGNATED FACILITY		19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 1. H132 2. H132 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 Kyle D. ... Signature  Month Day Year 04 13 23																	

Please print or type.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number NM0390010515		2. Page 1 of 1		3. Emergency Response Phone (575) 885-6883		4. Manifest Tracking Number 014834206 FILE							
		5. Generator's Name and Mailing Address LAWL ON BEHALF OF THE US DEPT OF ENERGY Pajarito Rd. LOS ALAMOS, NM 87545 Generator's Phone: (505) 551-2448		Generator's Site Address (if different than mailing address) Triad, LLC on behalf of the US DEPT of Energy BIKINI ATOLL ROAD, BLDG 3M-39 LOS ALAMOS, NM 87545											
6. Transporter 1 Company Name CAST Specialty Transportation, Inc.		U.S. EPA ID Number CO000205722													
7. Transporter 2 Company Name		U.S. EPA ID Number													
8. Designated Facility Name and Site Address SALADO ISOLATION MINING CONTRACTORS, LLC FOR U.S. DEPT OF ENERGY 30 MILES EAST OF CARLSBAD ON JAL HWY Eddy County, NM 88221(575) 234-8457 Facility's Phone:		U.S. EPA ID Number NM03900139088													
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.	13. Waste Codes					
	EQ	1. UN3328, Waste Radioactive material, Type E(U) package, fissile, 7, HRCQ, Pu-238, Pu-239, Pu-240, Am-241, Solid, Elemental, Activity= 1.33E01 TBq, RADIOACTIVE YELLOWIII, TI=0.4, CSI=0.0 UBA/9218/B(U) F-96 TP-179				1		CM	2,121	KG	D004 D005 D006 D007 D008 D009				
	EQ	2. UN3328, Waste Radioactive material, Type E(U) package, fissile, 7, Pu-239, Pu-240, Am-241, Solid, Elemental, Activity= 1.596E00 TBq, RADIOACTIVE YELLOWII, TI=0.4, CSI=0.0 UBA/9218/B(U) F-96 TP-136				1		CM	1,329	KG	D004 D005 D006 D007 D008 D009				
	EQ	3. UN3328, Waste Radioactive material, Type E(U) package, fissile, 7, Pu-238, Pu-239, Pu-240, Am-241, Solid, Elemental, Activity= 1.625E00 TBq, RADIOACTIVE YELLOWII, TI=0.4, CSI=0.0 UBA/9218/B(U) F-96 TP-190				1		CM	909	KG	D004 D005 D006 D007 D008 D009				
		4.													
14. Special Handling Instructions and Additional Information Shipments: LA230020, LAWL POC: Rick Romero/Master Trujillo 505-412-0271/505-500-6129 Emergency response #165, Tractor #C42, Trailer #C-229, Gross Weights: TP#179= 8066kg, TP#136= 7431kg, TP#190= 6658kg Emergency Response Information Provider: Los Alamos National Laboratory (505) 667-2400, AUA-VPA-204/VUA-VPA-226															
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 Jake Trujillo										Signature 			Month 04	Day 13	Year 23
INT'L	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): _____														
TRANSPORTER	17. Transporter Acknowledgment of Receipt of Materials														
	Transporter 1 Printed/Typed Name David Dennis										Signature 			Month 04	Day 13
Transporter 2 Printed/Typed Name										Signature			Month	Day	Year
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)														
	Facility's Phone: _____										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. H132				2. H132				3. H132				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 Kyle Darrah										Signature 			Month 04	Day 13	Year 23

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number NM0890010515	2. Page 1 of 2	3. Emergency Response Phone 505-667-2400	4. Manifest Tracking Number 010505900 FLE		
5. Generator's Name and Mailing Address ATTN: NANCY MCALLISTER N3B LLC on behalf of USDOE 1200 Trinity Drive, Suite 150, MS G735 Los Alamos, NM 87544		Generator's Site Address (if different than mailing address) N3B LLC on behalf of USDOE Technical Area 54 - Area L Los Alamos, NM 87544					
6. Transporter 1 Company Name MP Environmental Services, Inc. (AZ)		U.S. EPA ID Number CAT000624247					
7. Transporter 2 Company Name		U.S. EPA ID Number					
8. Designated Facility Name and Site Address Perma-Fix 1940 NW 67th Place Gainesville, FL 32653		U.S. EPA ID Number FLD980711071					
Facility's Phone: 3523736066							
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.	13. Waste Codes	
x 1	UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, AM-241, PU-239, PU-240, SOLID OXIDE, 3.04E-04 TBQ	1	CM	480	K	D001 D002 D003 D004 D005 D006	
x 2	UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, PU-239, PU-240, AM-241, PU-241, SOLID OXIDE, 1.19E-04 TBQ	1	CM	475	K	D004 D005 D006 D007 D008 D009	
x 3	UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, PU-239, PU-240, AM-241, PU-241, SOLID OXIDE, 1.27E-04 TBQ	1	CM	479	K	D004 D005 D006 D007 D008 D009	
x 4	UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, PU-239, PU-240, AM-241, PU-241, SOLID	1	CM	500	K	D004 D005 D006 D007 D008 D009	
14. Special Handling Instructions and Additional Information 1.1 43922, W793140, 162 1.2 46967, W839342, 162 1.3 46967, W836127, 162 1.4 46967, W838530, 162							
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 NANCY MCALLISTER		Signature 		Month Day Year 04 17 23			
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 Richard Blankensh		Signature 		Month Day Year 4 17 23			
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.				
H131	H131	H131	H131				
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 Tom McLarty		Signature 		Month Day Year 4 20 23			

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator ID Number NM0890010515	22. Page 2 of 2	23. Manifest Tracking Number 010505900FLE				
24. Generator's Name N3B LLC on behalf of USDOE Technical Area 54 - Area L, Los Alamos, NM 87544 N3B LLC on behalf of USDOE								
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 5	UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, PU-239, PU-240, AM-241, PU-241, SOLID OXIDE, 5.14E-04 TBQ	1	CM	1064	K	D004	D005	D006
						D007	D008	D009
x 6	UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, PU-239, PU-240, AM-241, PU-241, SOLID OXIDE, 6.92E-05 TBQ	1	CM	305	K	D004	D005	D006
						D007	D008	D009
32. Special Handling Instructions and Additional Information 2.5 46967, W836262, 162 2.6 46967, W835971, 162 23-116								
33. Transporter <u>1</u> Acknowledgment of Receipt of Materials Printed/Typed Name <u>Richard Blankenship</u> Signature <u>Richard Blankenship</u> Month <u>4</u> Day <u>17</u> Year <u>23</u>								
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) <u>H131</u> <u>H131</u> _____ _____ _____								