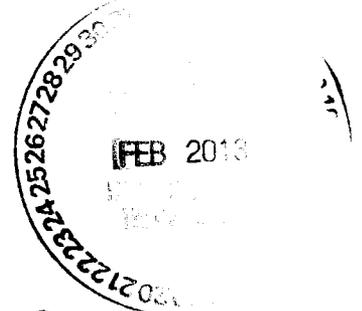




DEPARTMENT OF THE AIR FORCE
HEADQUARTERS 49TH WING (ACC)
HOLLOMAN AIR FORCE BASE, NEW MEXICO



JAN 25 2013



A. David Budak
Deputy Base Civil Engineer
550 Tabosa Avenue
Holloman AFB NM 88330-8458

New Mexico Environment Department
Hazardous Waste Bureau
Attn: Mr. John Kieling
2905 Rodeo Park Drive East, Building 1
Santa Fe NM 87505

Dear Mr. Kieling

As facility owner of the permitted Treatment, Storage and Disposal Facility, Holloman AFB certifies, as required in 40 CFR 264.73(b)(9), that a program to reduce the volume and toxicity of hazardous waste is in place. This letter and attachments serve to satisfy the year-end requirement according to Section II.D, Waste Minimization of the Resource Conservation and Recovery Act Hazardous Waste Facility Operating Permit, EPA ID No. NM6572124422.

Attached is the Fiscal Year 2012 Holloman AFB Waste Minimization program for the period of 1 Oct 11 through 30 Sep 12. This waste minimization program includes the 49th Asset Management Environmental Guidance memorandum and a matrix of waste streams produced by Holloman AFB operations.

If you have any questions, please contact Mr. John Hamann of our Asset Management Flight at (575) 572-3931.

Sincerely


A. DAVID BUDAK, GS-14, DAFC

Attachment:
FY 2012 Holloman AFB Waste Minimization Program

Fiscal Year 2012 Holloman AFB Waste Minimization Program

Waste Minimization Plan Objective

Any written policy or statement that outlines the goals, objectives and methods for source reduction and recycling of hazardous waste at the facility.

Any employee training or incentive program designed to identify and implement source reduction and recycling opportunities for all hazardous waste.

Any source reduction and recycling measures implemented in the last 5 years for the near future.

Holloman AFB FY 12 Actions

A written Asset Management Environmental Guidance memorandum that includes the entire base signed by the Base Civil Engineer. A copy is attached.

Employee training or incentive programs include participation in Annual Air Force Environmental Training Symposium; quarterly Internal Environmental Compliance assessment; ongoing Pollution Prevention Opportunity assessments and annual Hazardous Waste Management training.

Source reduction measures include Aqueous parts washers; introduction of environmentally friendly cleaning compounds to replace solvent used in paint gun cleaners and recovery of silver for waste generated by F-22 maintenance operations.

Planned source reduction and recycling measures include use of premoistened solvent wipes to reduce cleaning where solvent use is required to technical order requirements for aircraft.

Waste Minimization Plan Objective

An itemized list of dollar amounts of capital expenditures and operating costs devoted to source reduction and recycling of hazardous waste

Factors that have prevented implementation of source reduction and recycling.

Sources of information on source reduction and recycling received at the facility (local government, trade associations, suppliers, etc).

An investigation of additional waste minimization efforts that could be implemented at the facility. This investigation shall analyze the potential for reducing the quantity and toxicity of each waste stream the production process change, production reformulation, recycling and all other appropriate means. The analysis shall include an assessment of the technical feasibility, cost and potential waste reduction for each option.

Holloman AFB FY 12 Actions

Recycling hazardous waste through Safety Kleen.

Recycling markets for hazardous waste are dependent on types of waste, quantity and distance to nearest recycling facility.

Course attendance, online searches and networking with others at the Air Force Environmental Training Symposium, other Air Force bases, commercial entities through association with the NM Recycling Coalition and EPA.

Investigation of waste minimization: Opportunity assessments are continued to evaluate waste minimization opportunities.

Waste Minimization Plan Objective

A flow chart or matrix detailing all hazardous wastes it produces by type, including mixed waste, building and program if consistent with security considerations.

Demonstration of the need to use those processes which produce a particular hazardous waste due to lack of alternative processes, available technology or available alternative processes that would produce less volume of hazardous waste.

Demonstration of the applicability or inapplicability of the following waste minimization techniques:

- A program that inventories the amount of contaminated lead that exists at the facility.
- A program that substitutes steel for lead whenever possible.
- A program for coating lead with a strippable coating to prevent its entire contamination, if it is impossible to substitute steel for lead.
- A program or bench scale method to decontaminate the contaminated lead.
- Use of non-hazardous liquid scintillation cocktail solution.

Holloman AFB FY 12 Actions

Matrix attached. Routine operations at Holloman AFB do not produce mixed waste streams.

The requirement to use processes which produce a particular hazardous waste are driven by our mission.

Not Applicable. Operations at HAFB do not produce radioactive contaminated lead.

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Not Applicable. Routine operations at HAFB do not produce radioactive contaminated lead.

Not Applicable. Scintillation cocktail solution is not used at HAFB.

Waste Minimization Plan Objective

- A program designed to prevent commingling of radioactive waste.

Holloman AFB FY 12 Actions

Not Applicable. Routine operations at HAFB do produce radioactive waste.

Bldg	Shop/Organization	Waste Stream	State	EPA Waste Codes	Lbs Generated
20	Dental Clinic	Excess Amalgam	Solid	D009, D011	15
54	CE Power Production	Used Blast Media	Solid	D006	25
149	90-Day Facility	Mercury thermometers, mercury bulbs, rags, absorbent, debris	Solid	D009	5
193	Vehicle Maintenance	Used antifreeze and water	Liquid	D010	1546
195	Allied Trades	Paints and solvents	Liquid	D001, D006, D035	0
		Rags & debris contaminated with paint, solvent	Solid	F005	165
198	Vehicle Maintenance	Gasoline fuel filters and absorbents	Solid	D018	0
198	Vehicle Maintenance	Used antifreeze	Liquid	D010	510
280	ECS Shop	Rags, absorbent, debris	Solid	D006	0
280	Machine Shop	Rags, absorbent and debris	Solid	D006	0
281	Hydraulics Shop	Rags, absorbent, debris, metal shavings	Solid	D006	287
282	Corrosion Control	Rags and debris	Solid	D006, F002, F005	1,234
		Paint Booth Filters	Solid	D007	63
		Waste paint related material	Liquid	D001, D006, D007, F003, F005	923
		Used blasting media	Solid	D006, D007	1237
282	Wheel and Tire	Jet Wash Water	Liquid	D006	3,123
283	Aero Club	Rags, absorbent, debris	Solid	D006, D008	98
286	Aircraft Repair	Parts Washer Fluid	Liquid	D006	274
		Waste paints, lubricants	Liquid	D001, D007, D035, D039	0
		Rags, absorbent, paper, debris	Solid	D006, D007, F003, F005	45
		Used Solvent Naphtha	Liquid	D001, D006	823
		Used SVB-175 Universal Cleaner	Liquid	D006, D008	1745
286	Aircraft Maintenance	Used Parts Washer Fluid	Liquid	D006, D008	1256
294	Aircraft Maint/Paint Booth	Waste paint related materials	Liquid	D001, D035	0
		Mixed used paint	Liquid	D001, D007, D035, F002, F005	0
		Rags/Debris	Solid	D007, F002, F005	151
297	NDI	Water with Silver	Liquid	D001, D002	123
		Imaging Plates	Liquid	D001, D002	12
300	Propulsion	Material to Waste	Liquid	D001, D002	129
		Vapor blast media and debris	Liquid	D007	456
		Fluid carbon remover	Liquid	D006	0
		Used fingerprint remover	Liquid	D001	3
		Rags and Debris with Acetone	Solid	F003	5
		Ultrasonic water solution from parts washer	Liquid	D006	0
		Water from Small Blue Parts Washer	Liquid	D006, D007	3
309	AGE Support	Used Oxygen Sensors	Liquid	D002, D008	0
314	Ground Equipment Shop	Waste paints, lubricants	Liquid	D001, D007, D035, D039	2
		Rags, absorbents and debris	Solid	F005	2
314	Ground Equipment Shop Maint	Battery Fluid Acid with Water	Liquid	D002	25
315	Fuel Shop	Rags, absorbent, debris	Solid	D006, F005	146
576	Survival Shop	Rags, absorbent, coveralls, debris, PPE	Solid	F003, F005	0
578	T-38 Support	Rags & Debris	Solid	D006	1645
806	HAZMART	Paints, solvents, silicones, adhesives, sealants	Liquid	D001, D005, D006, D007, D008, D035, D039	3129
		Expired Shelf Life	Gas	D001, D003	234

		Expired Shelf Life	Solid	D001, D035	1,056
		Material to Waste	Liquid	D001, D007, D0101, D035	1327
		Material to Waste	Solid	D007, D035	63
		Sealants and Adhesives	Liquid	D001, D005, D007, D008, D018, D023, D035	234
		Isocyanate Polyurethane and Paint Pens	Liquid	D001, D005, D006, D007, D010, D035	1833
		Expired Shelf Life	Liquid	D001, D002, D003, D005, D006, D007, D035, U002, U159, U161	2345
830	Paint Barn	Used plastic blast media and/or blaster filters	Solid	D006, D007	3689
		Rags/debris with paint	Solid	D007, D035	56
		Used Blasting Suits	Solid	D006, D007	43
		Paint booth filters, rags, and painting debris	Solid	D007, F003, F005	2035
		Paint Related Material	Liquid	D001, D035, F003, F005	889
842	Optics	Rags with solvent and debris	Solid	F001	189
		Blast Media	Solid	D006	19
844	Motor Pool	Rags, Fuel Filters, Debris	Solid	F002, F003	418
855	EOD	Metal Fragments	Solid	D006	0
856	Paint Shop	Paints and solvents mixture	Liquid	D001, D035, F003, F005	5
		Used Concentrated Foaming Action	Liquid	D002	0
		Rags, debris with paint and solvent	Solid	F003, F005	5
868	Fuel System Repair	Rags, absorbent, sealant, debris	Solid	F003, F005	105
901	Vehicle Maintenance	Gasoline fuel filters and absorbents	Solid	D018	9
903	Corrosion Control	Paint dust and blast media	Solid	D006, D008	243
		Bead Blast Filters	Solid	D006	901
		Waste paint related material	Liquid	D001, F005	18
		Rags, paint booth filters & paper, debris	Solid	D001, D004, D007, F005	356
1079	Aircraft Maintenance	Used Rags with Grease	Solid	D006	85
1178	Paint Shop	Waste Paint & Solvents	Solid	D001, D006, D007, D008, F003, F005	411
		Rags	Solid	F003, F005	9
1181	HS Test Track	Rags, debris with solvent	Solid	F003	7
9997	Spills	Absorbents	Solid	D001, D018	19
9999	Miscellaneous	Expired Shelf Life	Solid	D001, D003, D005, D006, D007, D018, F005	1415
		Expired Shelf Life	Liquid	D001, D002, D004, D005, D006, D007, D008, D009, D018, F005, U154	618
		Waste AVGAS	Liquid	D001, D008, D018	596
21814	Aircraft Structural Maintenance	Rags and painting debris	Solid	F003, F005	5812
				TOTAL (1 OCT 11 – 30 SEP 12)	44,249



DEPARTMENT OF THE AIR FORCE
HEADQUARTERS 49TH WING (ACC)
HOLLOMAN AIR FORCE BASE, NEW MEXICO

NOV 28 2011

MEMORANDUM FOR ALL 49TH WING PERSONNEL

FROM: 49 CES/CEA

SUBJECT: Asset Management Environmental Policy Statement

1. The 49th Asset Management Flight is dedicated to protecting the environment through the conservation of our natural resources. This policy letter requires the support of all stake holders in order for its success. This statement establishes the direction of the 49th Asset Management Flight in its efforts to accomplish the huge task of environmental protection.
2. In the process of accomplishing everyday duties, people perform tasks that could potentially affect the environment. Our duty to comply is to provide guidance and leadership to make environmental protection attainable. We must spread the word on programs and policies, and make sure everyone in the organization knows how and why we put so much effort into this area.
3. Our goals are simple and direct, and establish clear priorities. We will comply with all laws and regulations and clean up areas where we, or our predecessors, have failed to comply. Commanders must take responsibility for the areas under their supervision and understand the requirements and standards of compliance.
4. As an organization, we must also go several steps beyond compliance. We can improve the way we comply by improving our comprehensive pollution prevention program. This means minimizing the use and disposal of hazardous chemicals, implementing waste reduction opportunities, and recycling solid waste when possible. We must examine our processes and look for areas where improvements can be made. I challenge every unit in the wing to help reduce our environmental footprint.
5. Holloman Air Force Base is a recognized leader in protecting the environment. We have accomplished a great deal in the past and now must look to the future. Preventing pollution from the beginning eliminates environmental non-compliance. Everyone must do his or her part to make that happen.


A. DAVID BUDAK
Deputy Base Civil Engineer