Bruce Carlson, Brigadier General, USAF  
Commander, 49th Fighter Wing  
490 First Street Ste 1700  
Holloman AFB NM  88330-8277  

Mr. Steve Pullen  
NMED, Hazardous and Radioactive Materials Bureau  
PO Box 261100  
Santa Fe, NM  87502  

Dear Mr. Pullen  

Holloman Air Force Base (AFB) invites you to participate in a Restoration Advisory Board (RAB) meeting at 6:00 p.m. on 22 February 96 in the 49 FW Conference Room, Building 29, Holloman AFB. This meeting will cover the ongoing activities of the federally mandated Installation Restoration Program (IRP) and permit you to provide recommendations to improve our program.  

This meeting will be co-chaired by Col Donald Belche of the Holloman Environmental Office and Mr. Daniel King, Mayor of Alamogordo. The RAB will offer an open discussion segment for comments and questions regarding restoration efforts on Holloman AFB. Environmental issues consistent with the base mission are at the forefront of our concerns. It is our desire to manage our program with the best available technical advice we can obtain.  

It is our hope that the change to an evening meeting will encourage public participation. Agenda items are listed in Attachment 2. A map to assist you in locating Building 29 is provided at Attachment 3. A fact sheet providing information on the base IRP is located at Attachment 4. If you have any questions, please contact Warren Neff at (505) 475-5395.  

Sincerely  

BRUCE CARLSON  
Brigadier General, USAF  
Commander  

Attachments:  
1. Distribution List  
2. Agenda  
3. Map  
4. IRP Fact Sheet  

Global Power for America
DISTRIBUTION LIST

HOLLOMAN AIR FORCE BASE:

49 FW/CC
49 FW/JA
49 FW/SE
49 FW/PA
49 FW/CCN
49 FW/CCN (Hirst)
49 OG/CC
49 LG/CC
49 SPTG/CC
49 MMG/CC
49 MDG/SG
49 AMDS/SGPB
49 OSS/OSSTA
49 CES/CC
49 CES/CEV
49 SPS/CC
49 CS/CC
4 SWS/CC
46 TG/CC
46 TG/SE
46 TG/XPX (Barker)
DRMO/YDM
USACE/CESWA-CO-HM
Army Air/STEWS-SS
DynCorp/Land-Air
DynCorp/Radar Services
HSD DynCorp
Lockheed (LSSI/MAQE)
EG&G

OFF-BASE:

Mr. Jim Haggins
HQ ACC/ESVR
129 Andrews Street Ste 102
Langley AFB VA 23665-2769

Honorable Daniel R. King
Mayor of Alamogordo
1217 New York Avenue
Alamogordo NM 88310

Inez M. Moncada
Alamodordo City Commissioner
119 New York Avenue
Alamogordo NM 88310

Mr. Jim R. Griggs
Alamodordo City Commissioner
2107 Cornell Avenue
Alamogordo NM 88310

Tracy H. Johnson
Alamodordo City Commissioner
753 Stafford
Alamogordo NM 88310

Mr. Donald E. Carroll
Alamodordo City Commissioner
1515 Arizona Avenue
Alamogordo NM 88310
Mr. Roger B. Powell  
Alamodordo City Commissioner  
2510 Jeane Court  
Alamogordo NM 88310

Mr. Jerry B. Poole  
Alamodordo City Commissioner  
P.O. Box 1662  
Alamogordo NM 88311

Mr. Richard Zierlein  
Chairman, County Commission  
1900 New York Avenue Rm 101  
Alamogordo NM 88310-6935

Mr. Ronny Rardin  
Vice-Chairman, County Commission  
1000 New York Avenue Rm 101  
Alamogordo NM 88310-6935

Mr. Timothy McGinn  
County Commissioner  
1000 New York Avenue Rm 101  
Alamogordo NM 88310-6935

Honorable Diana Duran  
917 Indigo Loop  
Alamogordo NM 88310

Honorable Don Kidd  
State Capitol Bldg, Rm 423  
Santa Fe NM 87503

Honorable Leonard Lee Lawson  
State Senator  
P.O. Box 996  
Las Cruces NM 88004

Rep. Terry Marquart  
State Capitol Bldg Rm 203B  
Santa Fe NM 87503

Rep. Dub Williams  
State Capitol Bldg Rm 204  
Santa Fe NM 87503

Rep. Gloria Vaughn  
State Capitol Bldg Rm 203B  
Santa Fe NM 87503

Mr. Lowell Seaton  
US EPA  
First Interstate Bank Tower  
1445 Ross Avenue  
Dallas TX 75202

Mr. Gunther Diehl  
New Mexico Environment Department  
411 E 10th Street  
Alamogordo NM 88310

Mr. David Morgan  
New Mexico Environment Department  
Groundwater Protection and Remediation Bureau  
1190 St. Francis Drive  
Santa Fe NM 87502

Ms. Julie A. Jacobs  
New Mexico Environment Department  
Groundwater Protection and Remediation Bureau  
1190 St. Francis Drive  
Santa Fe NM 87502

Ms. Rosilee Winn  
New Mexico Environment Department  
Groundwater Protection and Remediation Bureau  
1190 St. Francis Drive  
Santa Fe NM 87502

Honorable Leonard Lee Lawson  
State Senator  
P.O. Box 996  
Las Cruces NM 88004

Mr. Steve Pullen  
New Mexico Environment Department  
Hazardous and Radioactive Materials Bureau  
P.O. Box 26110  
Santa Fe NM 87502

Mr. Bill Fuchs  
White Sands National Monument  
P.O. Box 1086  
Holloman AFB NM 88330

Mr. Robert Myers  
U.S. Geological Survey  
Water Resources Division  
Dept 3167 P.O. Box 30001 NMSU  
Las Cruces NM 88003-0001

Atch 1
Mr. Roger F. Ferreira  
US Geological Survey  
4501 Indian School Road  
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Mesilla Valley Audubon Society  
P.O. Box 3127 UPB  
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Bureau of Land Management  
1800 Marquess Street  
Las Cruces NM 88005

Ms. Mary Schmitt  
Alamogordo Public Library  
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Alamogordo NM 88310

Mr. Timothy Murphy  
BLM-Caballo Resource Area  
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Mr. Harry Loper  
2318 19th Street  
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State Historic Preservation Officer  
228 Villa Riveria Room 101  
Santa Fe NM 87503

Mr. Hector Magallanes (STEWS-ES-E)  
U.S. Army White Sands Missile Range  
White Sands Missile Range NM 88002-5076

Mr. Fred Flores  
1513 Arizona Avenue  
Alamogordo NM 88310

Ms. Yvette McKenna (ATZC-DOE-M)  
U.S. Army Defense Artillery Center  
Fort Bliss TX 79734-0400

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1312 Desert Dawn Drive  
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President, NM Wildlife Federation  
3240-D Juan Tabo N.E. Suite 8  
Albuquerque NM 87111

Mr. Patrick Cullumber  
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New Mexico State University  
Fishery and Wildlife Sciences Department  
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Mr. Lee Adams  
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State Supervisor  
US Fish and Wildlife Service  
2105 Osuna Boulevard NE  
Albuquerque NM 87113

Mr. John Pittenger  
New Mexico Game and Fish Department  
State Capitol Villagra Building  
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Santa Fe NM 87504

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Southern NM Group and Military Issues Chair,  
Rio Grande Chapter Sierra Club  
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Las Cruces NM 88001

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1312 Desert Dawn Drive  
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Mr. Patrick Cullumber  
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Ms. Lee Adams  
1000 New York Avenue Rm 101  
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Atch 1
Restoration Advisory Board

MEETING AGENDA

6:00 p.m. Welcome by RAB Co-Chairs
Col Donald Belche, Holloman Environmental Office
Honorable Dan King, Mayor of Alamogordo

6:15 Technical Discussion
• Installation Restoration Program (IRP) Overview
• IRP/RCRA Corrective Action Status
• Restoration Budget
• Ongoing Projects
• Upcoming Projects
• Proposed Site Closures

6:45 Open Discussion/Action Items

7:00 p.m. Adjourn
INTRODUCTION

This fact sheet for Holloman Air Force Base (AFB) in Otero County, New Mexico has been prepared by the US Air Force to inform local officials and citizens on the status and nature of the Installation Restoration Program (IRP) activities at Holloman AFB. Specifically, this fact sheet provides a brief summary of all IRP sites, discusses the IRP process, and a method for obtaining further information. To assist the reader with unfamiliar terms, a list of acronyms appears on page 5.

BACKGROUND AND HISTORY

Holloman AFB is located on approximately 60,000 acres of land in Otero County in south-central New Mexico, approximately 95 miles north-northeast of El Paso, Texas. The base lies in the northern portion of the Chihuahuan Desert in a trough area called the Tularosa Basin, bounded on the east and west by the Sacramento and San Andres Mountains, respectively. The nearest population center is the City of Alamogordo which is located seven miles east of the base boundary. The major highway serving the base is US Highway 70 which runs in a southwesterly-northeasterly direction along the southern base boundary.

Built in 1942, Holloman AFB, formerly known as Alamogordo Army Air Field, was originally intended to be a temporary facility. After a brief post-war period of deactivation, the base served under various commands as a guided missile research and test facility from 1947 until 1971. The current Air Combat Command (ACC) organizations at Holloman AFB include the 49th Fighter Wing, 49th Operations Group, 49th Logistics Group, 49th Support Group, 49th Medical Group and the 49th Materiel Maintenance Group. The principal aircraft are the T-38, F-117A and F-4E.

Wastes have been generated and disposed of at Holloman AFB since the beginning of base operations in 1943. The primary wastes generated were engine oils, lubricating oils, waste fuels, hydraulic and transmission fluids, paints and spent solvents. Prior to 1969, these wastes were burned during scheduled Fire Department training exercises at the Fire Training Area. Between 1969 and 1979, wastes were transported to the Petroleum, Oil, and Lubricants (POL) Drum Storage Area for disposal. From 1979 to the present, waste oils, hydraulic and transmission fluids, and waste cleaners have been stored in color-coded drums. Following storage, the wastes are either reused or disposed of according to Resource Conservation and Recovery Act (RCRA) guidelines.

PROGRAM STATUS

Since the initiation of the IRP at Holloman AFB in 1983, many IRP reports have been published. At this time, most IRP sites have completed the investigation process and are proceeding toward site close-out or remedial design. A table summarizing information on the sites is provided (pages 2 through 4). More detailed information on each site is available at the Holloman AFB Information Repository located in the Alamogordo Public Library.

Holloman AFB committed $9 million in FY94 and over $7 million was awarded for restoration in FY95. There are currently three contractors at Holloman AFB performing remedial construction and investigations. The Air Force will continue to remediate contaminated sites in order to protect human health and the environment.

MEETING ANNOUNCEMENT

The Air Force will be hosting a meeting to discuss the status of the Installation Restoration Program at Holloman AFB.

Date: 22 February 1996
Time: 6:00 p.m.
Location: 49 FW Conference Room
Bldg 29 HAFB
<table>
<thead>
<tr>
<th>IRP/SWMU No.</th>
<th>Site Description</th>
<th>Material Disposed</th>
<th>Dates of Operation</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/106</td>
<td>Existing Main Base Landfill</td>
<td>Construction rubble, debris, domestic solid wastes, small quantities of waste oils, solvents and pesticides</td>
<td>1958-present</td>
<td>SC w/LTM</td>
</tr>
<tr>
<td>2/AOC-T</td>
<td>POL Spill Site Number 1</td>
<td>JP-4 and other fuels</td>
<td>1960 to 1970s</td>
<td>LTO</td>
</tr>
<tr>
<td>3/114</td>
<td>POL Tank Sludge Burial Site</td>
<td>Sludges, rags, iron fragments</td>
<td>1955 to 1975</td>
<td>SC</td>
</tr>
<tr>
<td>4/102</td>
<td>Acid Trailer Burial Site</td>
<td>Acid transport trailers, lab equipment, bottles, spent rockets</td>
<td>1958</td>
<td>SC</td>
</tr>
<tr>
<td>5/AOC-T</td>
<td>POL Spill Site Number 2</td>
<td>JP-4</td>
<td>1978</td>
<td>LTO</td>
</tr>
<tr>
<td>6/AOC-R</td>
<td>Fuel Line Spill Number 2</td>
<td>JP-4</td>
<td>1979</td>
<td>SC</td>
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<tr>
<td>7/110</td>
<td>Rubble Disposal Site</td>
<td>Wood, nails, sheet metal</td>
<td>1965 to present</td>
<td>SC</td>
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<tr>
<td>8/82</td>
<td>Refuse Collection Truck Washrack</td>
<td>Waste oils, solvents, hydraulic fluid, fuels</td>
<td>1970s</td>
<td>RD/RA</td>
</tr>
<tr>
<td>9/42</td>
<td>Waste POL Drum Storage/ Spill Area</td>
<td>Domestic wastes, incinerator ash, solvents, waste oils</td>
<td>1942 to 1958</td>
<td>SC w/LTM</td>
</tr>
<tr>
<td>10/101,109</td>
<td>Old Main Base Landfill</td>
<td>PCBs</td>
<td>Unknown to 1979</td>
<td>NFA</td>
</tr>
<tr>
<td>11/107</td>
<td>Main Base Electrical Substation</td>
<td>JP-4</td>
<td>1975</td>
<td>SC</td>
</tr>
<tr>
<td>12/AOC-K</td>
<td>Fuel Line Spill Number 1</td>
<td>Sodium Arsenite</td>
<td>1979</td>
<td>SC</td>
</tr>
<tr>
<td>13/AOC-J</td>
<td>Sodium Arsenite Spill Site</td>
<td>Sodium Arsenite</td>
<td>1976 to 1979</td>
<td>SC</td>
</tr>
<tr>
<td>14/107</td>
<td>Former Entomology Shop</td>
<td>Pesticides</td>
<td>1968 to 1977</td>
<td>RD/RA</td>
</tr>
<tr>
<td>15/80</td>
<td>Refrigeration/Heat Shop Washrack</td>
<td>Sulfuric Acid</td>
<td>1977 to 1981</td>
<td>SC</td>
</tr>
<tr>
<td>16/132,118, AOC-A</td>
<td>Existing Entomology Shop</td>
<td>Pesticides</td>
<td>1977 to present</td>
<td>IRA</td>
</tr>
<tr>
<td>17/AOC-Q</td>
<td>BX Service Station Fuel Leak</td>
<td>Gasoline</td>
<td>1950s-present</td>
<td>LTO</td>
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<tr>
<td>18/AOC-H</td>
<td>Chrome Acid Spill Site</td>
<td>Chrome Acid</td>
<td>1970s</td>
<td>SC</td>
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<tr>
<td>19/105</td>
<td>Golf Course Landfill</td>
<td>Grass clippings, rodenticides</td>
<td>1968 to 1978</td>
<td>SC w/LTM</td>
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<tr>
<td>20/113A</td>
<td>Wastewater Treatment Plant (WWTP) Grit Burial Site</td>
<td>Sludge from grit chamber</td>
<td>1947 to present</td>
<td>SC</td>
</tr>
<tr>
<td>21/116</td>
<td>West Area Landfill Number 2</td>
<td>Paper bags, boxes, boards</td>
<td>1970 to 1977</td>
<td>SC w/LTM</td>
</tr>
<tr>
<td>22/115</td>
<td>West Area Landfill Number 1</td>
<td>Plastic sheets, boxes, cans</td>
<td>1974 to 1978</td>
<td>SC w/LTM</td>
</tr>
<tr>
<td>23/108</td>
<td>MOBSS Landfill</td>
<td>Diazinon, dibromochloromethane, construction debris, drums, buckets</td>
<td>1976 to 1979</td>
<td>SC w/LTM</td>
</tr>
<tr>
<td>24/134</td>
<td>Former Equipment Maintenance Area</td>
<td>Cleaners, waste solvents, oils</td>
<td>1959 to 1970</td>
<td>RI/FS</td>
</tr>
<tr>
<td>25/166</td>
<td>Possible Drainage Lagoon Disposal Site</td>
<td>Pesticides, HTH, solvents</td>
<td>1977</td>
<td>SC</td>
</tr>
<tr>
<td>26/AOC-D</td>
<td>Possible Missile Fuel Spill Area</td>
<td>Waste fuels</td>
<td>1976</td>
<td>SC</td>
</tr>
<tr>
<td>27/141</td>
<td>Pad 9 Washrack Area</td>
<td>Radioactive Materials</td>
<td>1940s</td>
<td>PA/Sl</td>
</tr>
<tr>
<td>28/212</td>
<td>Former North Area Washrack</td>
<td>Oils, detergents, fuels</td>
<td>1950s</td>
<td>SC</td>
</tr>
<tr>
<td>29/104</td>
<td>Former Army Landfill</td>
<td>Spent munitions and missiles</td>
<td>1950s to 1975</td>
<td>RI/FS</td>
</tr>
<tr>
<td>30/113B</td>
<td>Grease Trap Disposal Pits</td>
<td>Wastes from grease traps</td>
<td>1959 to present</td>
<td>SC w/LTM</td>
</tr>
<tr>
<td>31/170,171,127,135,39</td>
<td>Fire Department Training Area</td>
<td>Waste oils, solvents, fuels</td>
<td>Unknown to 1990</td>
<td>RD/IRA</td>
</tr>
</tbody>
</table>
### SUMMARY OF HOLLOWMAN AFB IRP/SWMU SITES

<table>
<thead>
<tr>
<th>IRP/SWMU No.</th>
<th>Site Description</th>
<th>Material Disposed</th>
<th>Dates of Operation</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>32/PRI-A</td>
<td>Sewer Line from Primate Research</td>
<td>Carbon-14, iodine, tritium, solvents</td>
<td>1960s to 1981</td>
<td>SC</td>
</tr>
<tr>
<td>33/113B</td>
<td>Cooking Grease Disposal Pits</td>
<td>Cooking grease</td>
<td>Unknown to present</td>
<td>SC w/LTM</td>
</tr>
<tr>
<td>34</td>
<td>Spent Munitions Burial Site</td>
<td>Spent munitions</td>
<td>Unknown</td>
<td>SC</td>
</tr>
<tr>
<td>35/PRI-5</td>
<td>Spent Solvent Disposal Area</td>
<td>Radioactive tracers, solvents</td>
<td>1950s</td>
<td>SC</td>
</tr>
<tr>
<td>36/129,178</td>
<td>Unconventional Fuels Storage Site</td>
<td>JP-X, nitric acid, UDMH, aniline, JP-4</td>
<td>1950s</td>
<td>RI/FS</td>
</tr>
<tr>
<td>37/AOC-L</td>
<td>Early Missile Testing Site</td>
<td>Fuels, lead oxide, nitrate compounds, acids</td>
<td>1947 to 1955</td>
<td>SC</td>
</tr>
<tr>
<td>38/137,138</td>
<td>Sled Test Maintenance Area</td>
<td>Waste oils, solvents, paint, strippers</td>
<td>1951 to 1979</td>
<td>SC</td>
</tr>
<tr>
<td>39/165,167,177,179,181</td>
<td>Missile Fuel Spill Area</td>
<td>Oxidizers, fuels</td>
<td>Unknown to 1975</td>
<td>RI/FS</td>
</tr>
<tr>
<td>40/103</td>
<td>Causeway Rubble Disposal Site</td>
<td>Concrete rubble</td>
<td>Unknown to present</td>
<td>SC</td>
</tr>
<tr>
<td>41/192</td>
<td>Coco Blockhouse Borehole Disposal Site</td>
<td>Propellants, oxidizers</td>
<td>1960s</td>
<td>SC</td>
</tr>
<tr>
<td>42/111</td>
<td>Radioactive Material Borehole Site</td>
<td>Radioactive material</td>
<td>1950s</td>
<td>SC</td>
</tr>
<tr>
<td>43/AOC-G</td>
<td>Atlas Electrical Substation</td>
<td>PCBs</td>
<td>Unknown to 1979</td>
<td>NFA</td>
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<tr>
<td>44/AOC-P</td>
<td>Building 301 Aircraft Maintenance Hangar</td>
<td>Heating oil, fuel</td>
<td>Unknown</td>
<td>RD/IRA</td>
</tr>
<tr>
<td>45/AOC-O</td>
<td>Old AGE Refueling Station</td>
<td>Gasoline, JP-4, diesel</td>
<td>Unknown to 1988s</td>
<td>SC</td>
</tr>
<tr>
<td>47/21,22</td>
<td>POL Washracks Discharge Area</td>
<td>Waste JP-4</td>
<td>1953 to 1993</td>
<td>LTO</td>
</tr>
<tr>
<td>48/AOC-N</td>
<td>Military Gas Station</td>
<td>Gasoline</td>
<td>Unknown to present</td>
<td>SC w/LTM</td>
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<tr>
<td>49/144-149,154,139,140</td>
<td>Sewage Lagoons</td>
<td>Hazardous wastes</td>
<td>1943 to present</td>
<td>RI/FS</td>
</tr>
<tr>
<td>50</td>
<td>Waste Disposal Pit</td>
<td>Cans, drums</td>
<td>Unknown</td>
<td>SC</td>
</tr>
<tr>
<td>51/PRI-S</td>
<td>Primate Research Lab Borehole Disposal Site</td>
<td>Radioactive material, solvents</td>
<td>1950 to present</td>
<td>SC</td>
</tr>
<tr>
<td>56</td>
<td>West Ramp Fuel Spill</td>
<td>Fuel</td>
<td>Unknown to present</td>
<td>SC</td>
</tr>
<tr>
<td>57</td>
<td>Officer's Club</td>
<td>Diesel, sulfurous compounds</td>
<td>1960 to present</td>
<td>IRA</td>
</tr>
<tr>
<td>58/231</td>
<td>Incinerator Landfill</td>
<td>Ash from unconventional fuels, photographic film</td>
<td>Unknown to present</td>
<td>RD</td>
</tr>
<tr>
<td>AOC-BBMS</td>
<td>Bare Base Mobility Squadron Generator Run-up Area</td>
<td>JP-4</td>
<td>Unknown</td>
<td>SC</td>
</tr>
<tr>
<td>AOC-RR</td>
<td>Railroad Building/Buried RR Cars</td>
<td>Waste oil, fuel</td>
<td>Unknown</td>
<td>SC</td>
</tr>
</tbody>
</table>

NFA = No Further Action  IRA = Interim Remedial Action  FS = Feasibility Study  LTO = Long Term Operation  LTM = Long Term Monitoring  PA = Preliminary Assessment  RA = Remedial Action  RI = Remedial Investigation  SC = Site Close-Out  SI = Site Investigation

1 Close-out concurrence anticipated in FY96
ACC RPM OF YEAR AT HOLLOMAN AFB
The ACC Restoration Program Manager (RPM) of the Year for 1995 is Warren Neff, the Holloman RPM. The award will be presented at the ACC Environmental Symposium in St Louis, MO on 12-16 February 1996. Last year, the Holloman Restoration Program was awarded the 1994 ACC Restoration Program of the Year.

CURRENT CLEANUP ACTIONS AT HAFB
Remedial Actions are in place at Holloman AFB to remediate hydrocarbon contamination above action levels at three sites.

Soil Vapor Extraction (SVE) systems are currently operating at IRP site SS-17, the BX Service Station, located on First Street in the main portion of the base, and IRP sites SS-02/SS-05, POL Fuel Spill Nos. 1 & 2, located in the POL Storage Area. A bioventing system is operating at IRP site SD-47, the POL Washrack Discharge Area, located in the POL Storage Area.

Startup of the SVE system at site SS-17 was achieved in September 95, and it is anticipated to remediate hydrocarbon soil contamination within 2 years. Remediation at sites SS-02/SS-05 began in April 95, and is anticipated to be completed in Fall 96. The bioventing system at site SD-47 became operational in June 95. An investigation will be performed in January 96 to evaluate system performance.

LAGOONS MOVING INTO DESIGN PHASE
The sewage lagoons, IRP site WP-49, are approaching the remedial design phase. Holloman AFB restoration personnel and contractors are holding a Lagoons Workshop with the NMED in February 96 to discuss the Feasibility Study results. Upon approval of the Feasibility Study, the remedial design for the lagoons cleanup and closure will proceed.

NEW YEAR KICKS OFF 6 MONTHS OF TERC CONSTRUCTION
Beginning in January, 6 months of remedial construction projects will be underway. Projects will include excavation of contaminated soils, underground storage tank (UST) and oil/water separator (O/WS) removals, and installations of asphalt caps and SVE/bioventing remediation systems. These projects are being performed under the Total Environmental Restoration Contract (TERC). The TERC is a part of the ACC Accelerated Cleanup Program being implemented at Holloman.

The Dual Phase Soil Vapor Extraction (DPSVE) system at the T-38 Test Cell Fuel Spill Site, IRP Site SS-59 (SWMU 229), is being expanded to full-scale with the addition of 122 extraction wells and supplementary vacuum skids. An interim DPSVE remediation system, brought on-line in January 95, has recovered approximately 40,000 gallons of JP-4 product from 11 wells. Site clean-up is estimated to be complete in 3 years, with the free-phase product recovery accomplished within 12 months.

A smaller scale DPSVE system will be installed at Site SS-60 (SWMU 230), the Building 828 Fuel Spill Site. It is estimated that 4,700 gallons of fuel have been released at this site. The remediation system being installed in Spring 96 will have a total of seven wells.

Asphalt caps are slated to be installed at two IRP sites with near-surface pesticide contamination. These caps will prevent contamination from migrating into the groundwater. The asphalt cap construction will begin at IRP site SD-08, the Refuse Collection Truck Washrack, in February 96. Construction of the cap at site OT-14, the Former Entomology Shop Area, will follow in Summer 96.

SVE/bioventing systems will be constructed during this effort at three IRP sites: FT-31, the Fire Department Training Area, OT-44, Building 301 Aircraft Maintenance Hangar, and SS-57, the Officer's Club. These remediation systems are designed to work economically by providing SVE capabilities to remove hydrocarbon contaminated vapors from the subsurface in the early stages of the remediation process. Then, as the contaminant levels are reduced, the system is converted to bioventing to provide oxygen for the naturally occurring microorganisms in the soil to digest the remaining hydrocarbon contamination. Construction is scheduled to begin on SS-57 in February, FT-31 in March, and OT-44 in April 96.

Remediation will be performed at several POL contaminated sites under the RCRA Corrective Action Program. During Fall 95, remediation activities were performed at several Solid Waste Management Units (SWMUs). The Phase II effort this year will complete remediation activities at several Phase I sites and remediate contamination at other SWMUs. The majority of these POL contaminated sites are O/WS and waste oil tanks. Remediation activities beginning in January 96 will include excavation, UST and O/WS removals, and the installation of several bioventing systems at sites where excavation of contaminated soils was not feasible.
During Summer 96, debris removal at IRP site LF-58, the Incinerator Landfill, will be completed by Holloman's TERC contractor.

CLOSE-OUT ANTICIPATED AT FOUR SITES

Four sites investigated in March and April 95 are expected to be closed-out this year. Decision Documents will be prepared and submitted to the NMED in FY96. Groundwater Technology Inc., a subcontractor to Foster Wheeler Environmental Corporation, completed PA/SI work at four Holloman sites: SS-06, SD-15, AOC-RR and AOC-BBMS. During the SI a soil gas survey, soil sampling and groundwater sampling were completed at each site. No contamination above action levels was found. The close-out of these sites will bring the total number of sites closed-out at Holloman to 42.

LIST OF ACRONYMS

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<th>ACC</th>
<th>Air Combat Command</th>
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<tr>
<td>AFB</td>
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<tr>
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FOR MORE INFORMATION

49 CES/CEVR
Attn: Mr. Warren Neff
550 Tabosa Avenue
Holloman AFB, NM 88330-8458
(505) 475-5395

Cut along line and mail to the address given above

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