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MINUTES FOR RESTORATION ADVISORY BOARD MEETING HELD 8 JANUARY 1998
KANSAS CITY MO
1/28/1998
CCI

DEPARTMENT OF THE AIR FORCE
AIR FORCE BASE CONVERSION AGENCY

Jan. 28, 1998

MEMORANDUM FOR DISTRIBUTION

SUBJECT: Meeting Minutes of the Richards-Gebaur Restoration Advisory Board

PLACE: Commandant's Room, Richards-Gebaur Military Club

DATE: Wednesday, Jan. 7, 1998

Attending:

Peter Barrett, CH2MHILL
John Carr, AFBCA
Dale Cira, CH2MHILL
John Fringer, BEC
Guy Frazier, MDNR
Kay Grosinske, AFCEE/ERB
Don Kerns, MDNR
Robert Koke, EPA Region 7
Robert Lodato, AFBCA/OLQ
Bill McFarland, COE
Dick McMahon, Belton
Maggie Morris, Belton Alderman
Billie Pinkepank, Belton Corporation for Economic Development
William V. Powell, RAB Co-Chairman
Garey Reeves, OLQ
John Rice, Belton
Chuck Williams, COE
Bob Zuiss, OLQ
Syd Courson, CCI
(Bold Face Indicates Action Items)

Item 1 (Introductions)

Those in attendance introduced themselves (see above list of those attending).

Item 2 (Approval of October 1997 Minutes)
Courson asked that the approval be deferred because neither MDNR nor EPA members had received the minutes. Reeves asked who had received minutes, and Powell said he had received his at the end of October. He said the letter was dated Oct. 29 and postmarked Oct. 30.
No action was taken on the minutes, pending receipt by MDNR and EPA.

Item 3 (US Corps of Engineers presentation on Richards-Gebaur Formerly Utilized Defense Site. Bill McFarland, Project Manager.)
McFarland used overheads (see attachment 1) to illustrate the history and status of Preliminary Assessment (PA)/ Site Investigation (SI)/Remedial Investigation (RI) efforts to date on eight sites assigned for Defense Environmental Restoration Program (DERP)/Formerly Utilized Defense Site (FUDS) Investigation. (The sites under COE jurisdiction are distinct and separate from the sites under the jurisdiction of the Air Force).

He outlined the history of Richards-Gebaur: Built in 1941 by the city of Kansas City; transfer of ownership to the federal government in 1953; the start of the gradual return of the facility to Kansas City in 1979; and the present DERP/FUDS activities.

McFarland described the eight sites: Northeast Landfill, South Landfill, West Burn Area, South Burn Area, Construction Rubble Pile, Paint Stripper Hangar (Bldg. 1010), Herbicidal Burial Area, and Radioactive Waste Disposal Well. He discussed the search for evidence of materials that were known to have been used at the sites, including petroleum-based fuels, lubricants, solvents, and solid waste including domestic and hospital refuse, demolition debris and aircraft parts.

The PA began in March 1983 and ended in June 1991. It included site reconnaissance, historical record search, limited soil and groundwater sampling and limited geophysical surveys. The conclusions were that each of the eight sites needed further investigation.

The SI, from June 1991 to December 1996, resulted in the following recommendations:

- South Landfill -- conduct further studies.
- Northeast Landfill -- conduct further studies.
- West Burn Area -- No further action.
- South Burn Area -- No further action in "field" area west of landfill; conduct further studies in remaining South Conterminous Area.
- Construction Rubble Pile -- No longer a separate site. Now listed, along with South Landfill and South Burn Area, as "South Conterminous Area."
- Herbicidal Burial Area -- Conduct further studies; if herbicide containers are present remove them concurrent with investigation.
- Paint Stripper Hangar -- No further DOD action; recommend EPA investigation.
- Radioactive Waste Disposal Well -- Conduct a removal-disposal action. This site now is referred to as a Low Level Radioactive Disposal Cell" (LLRDC) because it is sealed to prevent migration into the soil and water, while a "well" casing is open to the environment.

McFarland said a RI work plan was executed in September 1997, and the COE is awaiting results of analytical testing. He said a draft RI report is due in March 1998. Sites that were investigated were the South Conterminous Area, the Northeast Landfill, Suspected Herbicide Burial Area and the LLRDC. Contractors provided soil gas survey services, while sampling and analysis of soil and groundwater, and installation of monitoring wells were performed by the COE. Under the RI, the LLRDC has been removed, and closure of the site is pending.

During the Q&A period, McFarland and Williams of COE said during the PA there were no signs of obvious contamination, but in the SI phase there were some minor hits of some volatile organics in the South Conterminous Area in the low parts per billion range, so additional monitoring wells were installed.. They said the preliminary RI data at the Northeast Landfill showed a couple of hits of benzene. They said the COE was perplexed because it seems as if the contamination may be upgradient of the landfill. Williams said there have been elevated levels of metals in both soil and ground water, but part of the RI was to determine whether the metals are naturally occurring or a result of waste that was disposed there. He said at this point the RI analytical data has not been evaluated to be able to make that determination. Williams said there was a lead problem from the old skeet range just to the west of the Northeast Landfill. He said some of the lead shotgun pellets ended up in the landfill area. It also appears that the Air Force used the old skeet area for borrow soil to dump in the landfill, and that soil contained lead pellets. Williams said there is a problem there, but not a major problem as far as ground water is concerned, based on analysis of monitoring well samples.

Grosinske asked for someone to show the area under COE jurisdiction as compared to BCT. Reeves produced a large map that showed the areas, and then pointed out the various FUD Sites.

McFarland and Williams said all of the FUD sites are in areas that have been transferred to the city of Kansas City except for the suspected Herbicide Burial Area, which is on property that has been transferred to the city of Belton.

Item 4. (Discussion of Operating Location Q status/phase-down. John Carr, Division B Manager, AFBCA, Washington, D.C.)

The Air Force Base Conversion Agency is reorganizing geographically, with a regionalized plan that divides the country into four zones. Carr said his zone stretches from Michigan along the Canadian border to Louisiana. The goal is to share resources through the regional system, and consolidate operating locations such as R-G into a more regional operating location. He emphasized that "We're not ending our commitment to do what we have to do out here." He pointed out that Grosinske and John Fringer, the R-G BEC (who was absent because of a weather-delayed flight) will continue their lead roles for R-G. Carr said he and Reeves will be working over the next months to smooth the transition. He said AFBCA has the task of working itself out of existence, but that does not mean the Air Force will not be responsible for long-term monitoring, site close-out, further remediation and other environmental cleanup efforts.

Dick McMahon, a Belton resident, asked why the Marine Corps can't take over the base cleanup operation when the OL closes, since it still will maintain operations at R-G.

Grosinske said she did not know of any location where another service branch was doing that, and McMahon said that he was speaking as a taxpayer, asking why not.

Carr said the Air Force cannot hand R-G over to the Marines. He said military departments, even though they all are DOD, do things differently, and it just doesn't happen that way. Carr said the Air Force has taken the position that preparing a base for civilian use is a civilian job and they don't want their service personnel doing it, while the Navy and the Army have taken the position that it is still a military operation. And if they took it, they would have to budget for the cleanup instead of the Air Force.

Item 5. (Consolidation and Evaluation Study Contract Status)

Grosinske said the contract was awarded in December to CH2MHILL. She added that representatives from the firm will attend each BCT and RAB meeting over the next nine months. She said the work plan should be completed within the next few weeks. They will go through all the files, visit with MDNR, EPA and COE, and study all the documentation. She said the firm will then:

1. Issue a report that will say what has been happening at the BCT sites; what, if anything is missing in the way of data; if there is anything else that is needed to give a clearer picture, and where R-G is in the process.
2. Rewrite and expand the No Further Remedial Action Proposed documents. She said the document will state the nature of the site, what was done to correct any problem, or, that there are no contaminants on the site that exceed specific threshold levels. The document will then state that the site is eligible to be closed.

She said the Air Force believes it has 14 out of 17 sites that are in that eligibility status. CH2MHILL will review records and action to make sure the AFBCA can substantiate each of those decisions. She said they will be written and given to MDNR and EPA in a "pre-final" stage so "we can sure that everyone agrees with what's in them." **Grosinske said it is hoped that all of this can be accomplished by August.**

Item 6. (Open Discussion)

Reeves, when the scheduling of the next RAB was under discussion, pointed out that the COE has RAB responsibilities for the FUD sites and that eventually it might make sense to have a combined RAB. He added that this seems to have been accomplished de facto now, since the COE has been attending the AFBCA RAB meetings and that the interaction has been helpful.

The next RAB meeting was scheduled for 7 p.m., April 2, 1998, at the Richards-Gebaur Military Club.

Minutes compiled and submitted by:

Syd Courson

Syd Courson

Attachment:
Presentation by William McFarland and Charles Williams, COE

AGENDA

RICHARDS-GEBAUR RESTORATION ADVISORY BOARD MEETING

7 p.m., Jan. 7, 1998
Commandant's Room, Richards-Gebaur Military Club

Item 1. Introductions.

Item 2. Approval of October 1997 Minutes.

Item 3. U.S. Corps of Engineers presentation on Richards-Gebaur FUDS (Formerly Utilized Defense Site). Bill MacFarland, Project Manager.

Item 4. Discussion of Operating Location Q status/phase-down. John Carr, Division B Manager, AFBCA, Washington, D.C.

Item 5. Consolidation and Evaluation Study Contract status. John Fringer, Division B Environmental Coordinator.

Item 6. Open Discussion.

Former Richards-Gebaur AFB, MO

Defense Environmental Restoration Program (DERP)
-Formerly Used Defense Site (FUDS)-

- Preliminary Assessment (PA), Site Investigation (SI), Remedial Investigation (RI) -

January 1998

Presented By: William McFarland (Project Manager) & Charles Williams (Technical Manager); both of USACE/Kansas City District

Topic of Discussions: History & Status of KCD's PA/SI/RI Efforts To Date On Eight (8) Sites Assigned For DERP/FUDS Investigation

Handouts/Slides:

- Base History; No. 1
- Past Activities; No. 2
- Materials Used In Past; No. 3
- Sites Assigned For Further Investigation; No. 4
- Preliminary Assessment (PA); No. 5
- Site Investigation (SI); No.'s 6 through 10
  Remedial Investigation (RI); No.'s 11 & 12
  Remedial Investigation (RI) & Removal/Disposal Actions; No.'s 13 & 14

Former Richards-Gebaur AFB, MO

Defense Environmental Restoration Program (DERP)
-Formerly Used Defense Site (FUDS)-

- Preliminary Assessment (PA), Site Investigation (SI), Remedial Investigation (RI) -

January 1998

Base History:

- Constructed in 1941 as auxiliary airport by City of Kansas City, MO
- Facility leased in 1952 by Aerospace Defense Command
- Ownership transferred in 1953 to U.S. Government
- Facility used by various branches of Air Force; beginning1979 control of many functions began being transferred back to KC Aviation Department; as part of base closure
- Grounds & facilities currently owned/leased/used or offered for future use by City & various Federal/Municipal Gov't & Civic/Business organizations

Former Richards-Gebaur AFB, MO

Defense Environmental Restoration Program (DERP)

-Formerly Used Defense Site (FUDS)-

- Preliminary Assessment (PA), Site Investigation (SI), Remedial Investigation (RI) -

January 1998

Past Activities:

- Airport Operations
- Maintenance of Aircraft
- Ground Support Operations

Former Richards-Gebaur AFB, MO

Defense Environmental Restoration Program (DERP)
-Formerly Used Defense Site (FUDS)-

- Preliminary Assessment (PA), Site Investigation (SI), Remedial Investigation (RI) -

January 1998

Materials Used in Past Activities:

- Petroleum-based Fuels
- Lubricants
- Various Solvents
- Solid Waste (Originally, Disposed of within Facility Boundaries)
  - Domestic & Hospital Refuse
  - Demolition Debris
  - Replaced Aircraft Parts

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Former Richards-Gebaur AFB, MO

Defense Environmental Restoration Program (DERP)
-Formerly Used Defense Site (FUDS)-

- Preliminary Assessment (PA), Site Investigation (SI), Remedial Investigation (RI) -

January 1998

Sites Assigned for Further Investigation (from Preliminary Assessment; PA):

- Northeast Landfill
- South Landfill
- West Burn Area
- South Burn Area
- Construction Rubble Pile (a.k.a. Demolition Landfill)
- Paint Stripper Hangar (Bldg. 1010)
- Herbicide Burial Area
- Radioactive Waste Disposal Well

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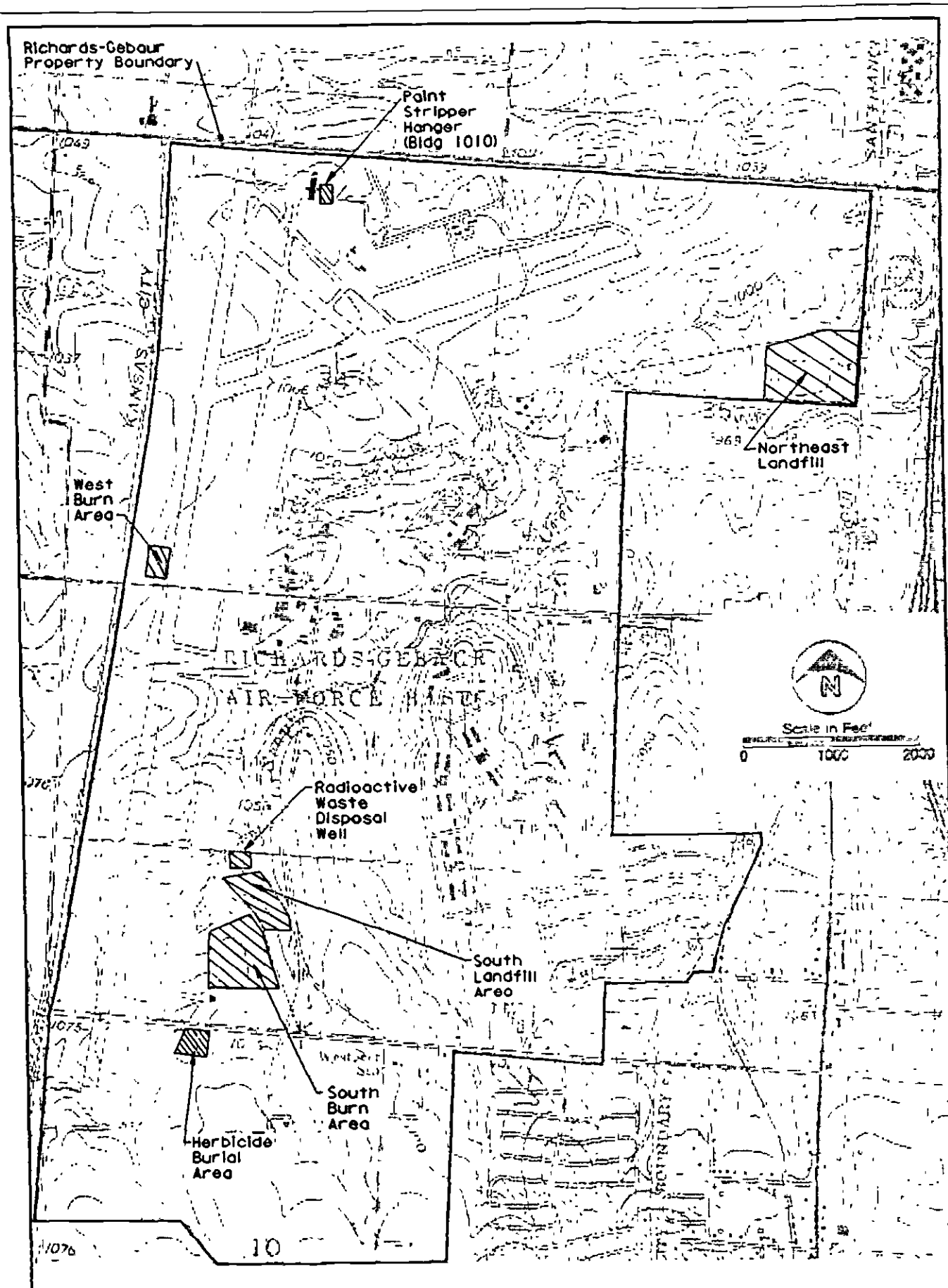

US Army Corps of Engineers

Former Richards-Gebaur Air Force Base Belton, Missouri

Figure 1-2: Individual Site Locations

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Former Richards-Gebaur AFB, MO

Defense Environmental Restoration Program (DERP)
-Formerly Used Defense Site (FUDS)-

- Preliminary Assessment (PA), Site Investigation (SI), Remedial Investigation (RI) -

January 1998

Preliminary Assessment (PA):

Began March 1983 & Ended June 1991

Performed By CH2M Hill, Water & Air Research, Inc., and Ecology & Environment

- Activities Conducted
  - Site(s) Reconnaissance
  - Historical Record Search
  - Limited Soil & Groundwater Sampling
  - Limited Geophysical Surveys

- Conclusions
  - All Eight (8) Sites Recommended for Further Investigation

Former Richards-Gebaur AFB, MO

Defense Environmental Restoration Program (DERP)
-Formerly Used Defense Site (FUDS)-

- Preliminary Assessment (PA), Site Investigation (SI), Remedial Investigation (RI) -

January 1998

Site Investigation (SI):

- Began June 1991 & Ended December 1996

- Work Plan (WP) Prepared by Camp Dresser & McKee (CDM)
  - ▸ WP & Final Report Executed by USACE/Kansas City District

- Sites Further Investigated
  - All Eight (8) Sites

- Activities (varied from site to site) Conducted
  - 1994 Removal Action in West Burn Area
  - More Detailed Site Reconnaissance
  - More Detailed Historical Record Search
  - Geophysical Surveys
  - Soil Gas Surveys
  - Surface Sampling
  - Groundwater Monitoring Wells
  - Analytical Sample Testing

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Former Richards-Gebaur AFB, MO

Defense Environmental Restoration Program (DERP)
-Formerly Used Defense Site (FUDS)-

- Preliminary Assessment (PA), Site Investigation (SI), Remedial Investigation (RI) -

January 1998

Site Investigation (SI):

- Conclusions
  - South Landfill
    - Deter'd to be "conterminous" w/ Demo. Landfill & South Burn Area
    - Soil & Groundwater samples may be contaminated with constituents from municipal-type wastes
  - Northeast Landfill
    - Soil samples may be contaminated from municipai-type wastes
    - Elevated concentrations of lead (Pb) on west side of site may be related to former skeet range
  - West Burn Area
    - Remedial Action conducted in late 1994 yielded 78 drums of black sludge from within buried soil lenses
    - Test pits & visual observations conducted in April 1995 indicated small quantities of sludge are still present
    - Soil gas survey conducted in March 1996 indicated that no contaminants of concern were detected

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Former Richards-Gebaur AFB, MO

Defense Environmental Restoration Program (DERP)
-Formerly Used Defense Site (FUDS)-

- Preliminary Assessment (PA), Site Investigation (SI), Remedial Investigation (RI) -

January 1998

Site Investigation (SI):

- Conclusions (Con't)
  - South Burn Area
    - Deter'd to be "conterminous" w/ Demo. Landfill & South Landfill
  - Herbicide Burial Area
    - Not conclusively defined
  - Paint Stripper Hangar (Bldg. 1010)
    - Deter'd to have no potential for Air Force-related releases of environmental contaminants
  - Radioactive Waste Disposal Well
    - Investigations were not conducted due to insufficient background information regarding potential worker risk

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Former Richards-Gebaur AFB, MO

Defense Environmental Restoration Program (DERP)
-Formerly Used Defense Site (FUDS)-

- Preliminary Assessment (PA), Site Investigation (SI), Remedial Investigation (RI) -

January 1998

Site Investigation (SI):

- Recommendations

  - South Landfill
    - Site should be considered "conterminous" (or part of) with Demolition Landfill & South Burn Area; to be referred to as "South Conterminous Area"
    - Conduct Further Studies (i.e. Remedial Investigation, RI)

  - Northeast Landfill
    - Conduct Further Studies (i.e. RI)

  - West Burn Area
    - No Further Action

  - South Burn Area
    - Site should be considered "conterminous" (or part of) with Demolition Landfill & South Landfill; to be referred to as "South Conterminous Area"

Former Richards-Gebaur AFB, MO

Defense Environmental Restoration Program (DERP)
-Formerly Used Defense Site (FUDS)-

- Preliminary Assessment (PA), Site Investigation (SI), Remedial Investigation (RI) -

January 1998

Site Investigation (SI):

- Recommendations (Con.'t)
  - South Burn Area (Con.'t)
    - ▸ No Further Action in the "field" area located west of landfill
    - ▸ Conduct Further Studies (i.e. Remedial Investigation, RI); in remaining South Conterminous Area
  - Herbicide Burial Area
    - ▸ Conduct Further Studies (i.e. RI); to be referred to as "Suspected" Herbicide Burial Area
    - ▸ If herbicide containers are present; concurrently, conduct a Removal/ Disposal Action
  - Paint Stripper Hangar (Bldg. 1010)
    - ▸ No Further DoD Action; recommend EPA investigation
  - Radioactive Waste Disposal Well
    - ▸ Conduct a Removal/Disposal Action; to be referred to as Low-Level Radioactive Disposal Cell

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Former Richards-Gebaur AFB, MO

Defense Environmental Restoration Program (DERP)
-Formerly Used Defense Site (FUDS)-

- Preliminary Assessment (PA), Site Investigation (SI), Remedial Investigation (RI) -

January 1998

Remedial Investigation (RI):

- Work Plan Prepared (July 1997) & Executed (September 1997); both by USACE/Kansas City District
  - Currently, awaiting results of Analytical Testing
  - "Draft" RI Report Pending; due March 1998 & prepared by USACE/KCD

- Sites Further Investigated
  - South "Conterminous" Area
  - Northeast Landfill
  - "Suspected" Herbicide Burial Area
  - Low-Level Radioactive Disposal Cell (LLRDC)

- Activities Conducted
  - Soil Gas Surveys (to locate subsurface volatile organic contaminants)
  - Surf. Sampling & Analysis (sedi's & water along waterways & seeps)
  - Sampling & Analysis (surface & sub-surface soils)
  - Groundwater Monitoring Well(s) Installation
  - Sampling & Analysis (Groundwater)

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Former Richards-Gebaur AFB, MO

Defense Environmental Restoration Program (DERP)
-Formerly Used Defense Site (FUDS)-

- Preliminary Assessment (PA), Site Investigation (SI), Remedial Investigation (RI) -

January 1998

Remedial Investigation (RI):

- Sites Further Investigated
  - South "Conterminous" Area
  - Northeast Landfill

- Conclusions & Recommendations
  - Pending; currently awaiting results of analytical testing
  - Pending; USACE/KCD's "Draft" RI Report (due March 1998)
  - Regulator Review; 45 days
  - USACE/KCD receives & responds to Regulator's comments; 30 days
  - "Final" RI Report due out

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Former Richards-Gebaur AFB, MO

Defense Environmental Restoration Program (DERP)
-Formerly Used Defense Site (FUDS)-

- Preliminary Assessment (PA), Site Investigation (SI), Remedial Investigation (RI) -

January 1998

Remedial Investigation (RI) & Removal/Disposal Action:

- Sites Further Investigated/Remediated
  - Low-Level Radioactive Disposal Cell (LLRDC)
  - "Suspected" Herbicide Burial Area

- Activities Conducted, In Progress or Planned
  - Low-Level Radioactive Disposal Cell (LLRDC)

    - KCD completes scoping & nego's w/ Small Action Remedial Tool (SmART) Contractor for LLRDC removal/disposal; February - June 1997

    - SmART Contractor submits "Draft" Work Plan which is reviewed & approved with Final WP submitted; August - September 1997

    - SmART Contractor LLRDC removal/disposal; 15-16 September 1997

    - SmART Contractor's "Draft" Final LLRDC Report; due February 1998

Former Richards-Gebaur AFB, MO

Defense Environmental Restoration Program (DERP)
-Formerly Used Defense Site (FUDS)-

- Preliminary Assessment (PA), Site Investigation (SI), Remedial Investigation (RI) -

January 1998

Remedial Investigation (RI) & Removal/Disposal Action:

- Sites Further Investigated/Remediated (con.'t)
  - Low-Level Radioactive Disposal Cell (LLRDC)
  - "Suspected" Herbicide Burial Area

- Activities Conducted, In Progress or Planned
  - "Suspected" Herbicide Burial Area
    - USACE/KCD prepares Scope of Work (SOW) for further investigation & removal (if present) of herbicide containers & forwards to SmaRT Contractor for their bid; September - October 1997
    - SmART Contractor submits cost proposal; November 1997
    - KCD revised SOW to further define "options" for removal & disposal (depending on presence or not of herbicide containers); January 1998
    - USACE/KCD & SmART Contractor; February 1998 negotiations
    - Upon "award", SmART Contractor to prepare & submit Work Plan for review/approval by May 1998; followed by mobilization; June 1998
    - SmART Contractor's Final Report; due September 1998

SIGN-IN SHEET

RICHARDS-GEBAUR RESTORATION ADVISORY BOARD MEETING

7 p.m., Jan. 7, 1998
Commandant's Room, Richards-Gebaur Military Club

Name	Affiliation	Address	Phone
Don Kerns	MDNR	PO Box 176 JC. Mo	573-751-7757
Guy Frazier	MDNR	1738 E Elm, J.C. MO 65102	(573) 751-2506
Chuck Williams	Corps of Eng's	601 E. 12th St. K.C. MO	(816) 983-3891
Bill McFarland	" " "	" " " " "	" 983-3360
Bob Zuiss	OLQ AFBCA	15417 Hangar Rd KCMO	816 348 2511
W.V. Powell	RAB Co Chair	Box 262 Belton	331 4334
Dale Gira	CH2M HILL	10 S. Broadway St 63102	(314) 421-0900
Peter Barnett	CH2MHILL	— " —	— " —
~~Robert Loupto~~	OLQ AFBCA	15471 Hangar Rd	348-2511
John Carr	AFBCA	1700 N. Moore St.	(703) 696-5546
Kay Grosinske	AFCEE	Brooks AFB	210-536-6451
Robert Rake	EPA	KC, Ks	913 551-7468
Billie Pinkepank	BCED	P.O Box 525	331-4449
Maggie Morris	Alderman City of Belton	Belton, Mo	331-0057 (h)
John Rice	Belton		
Richard McMahon	540 Kennell	Belton Mo	322-6301

Jan. 28, 1998

Donna:

Here are the piece to the BCT and RAB minutes.

The BCT minutes package includes:

1. 9-page minutes
2. minutes chart
3. February agenda
4. EPA memo on ARARs for attachment
5. List of attendees for mailing

The RAB minutes package includes:

1. 7-page minutes
2. COE presentation attachment
3. List of attendees for mailing

The package also contains a disk with the following:
1. BCT minutes (98janbct)
2. BCT minutes chart (98janabs)
3. RAB minutes (98janrab)
4. February agenda (98febag)

Last, and certainly not least, it contains our invoice for Ellen.

Cheers,

Syd

Syd