



KELLY AFB
TEXAS

ADMINISTRATIVE RECORD
COVER SHEET

AR File Number 3286

KELLY RESTORATION ADVISORY BOARD
TECHNICAL REVIEW SUBCOMMITTEE
REVISED MEETING AGENDA
Tuesday, 13 Jun 2000, 6:30 P.M.
St. Mary's University, Garni Science Hall

I. Introduction	6:30 - 6:35	Dr Lené
A. Agenda Review and Handouts		
II. Revised Air Force Presentation	6:35 -6:55	BCA
A. Review of Presentation		
B. Public Forum Format		
III. TAPP Statement of Work review	As time permits	Mr. Zatopek
IV. Zone 4 Horizontal Well Update	As time permits	Mr. Matthews, BCA
V. Administrative	7:30 - 8:00	Dr Lené
A. BCT Update		
B. Spill Summary Report		
C. Documents to TRS/RAB		
D. Action Item Review		
1. Input data used by CH2M Hill to run the Johnson-Ettinger model.		
2. Vinyl chloride concentrations from 1994 to the present.		
3. Wells with the highest Vinyl Chloride: on base, in the railroad yard or in the neighborhood?		
4. How "dirty land" is being transferred to Lackland AFB.		
5. A proposed Relative Risk site evaluation rules.		
6. "Misting" of unburned jet fuel did it occur and how . (<i>Fuel expert is unable to attend the meeting and presentation postponed to a date to be determined.</i>)		
E. Agenda/Location/Time of Next TRS Meeting		
VI. Adjournment	8:00	

Note: Fuel Misting/Jettisoning/Venting expert was not available for the June meeting and will be rescheduled for a TRS meeting when his schedule permits.

June 2000

MEETING MINUTES

KELLY AFB TECHNICAL REVIEW SUBCOMMITTEE (TRS) TO THE RESTORATION ADVISORY BOARD (RAB)

13 June 00, St. Mary's University, Garni Science Hall
Dr. Lené, TRS Chairman

- I. Introduction:** The TRS meeting began at 6:40 p.m. Attachment 1 is the attendance report. It was noted that the agenda had been changed to allow for a discussion of the Revised Air Force Shallow Groundwater Presentation. Topics originally scheduled would be covered at future TRS meetings.

- II. TAPP Contractor Selection:** Mr. Zapotek Base Conversion Agency (BCA) Contracting Officer, reported the applications were completed and were waiting for the General's signature (to be signed on 14 June 00). The RAB members will need to select the contractor for each project. Mr. Zapotek will work with Dr Lené on a date and time for the selection meeting or telephone conference. Mr. Rice asked if any new contractors had been added to the selection list. Mr. Zapotek said no, but it was a good idea for next year, since any additions to the contractors list now would jeopardize getting the contracts issued in time to use the money currently allocated.

- III. Revised Air Force Presentation:** Mr. Tim Underwood, BCA Contractor, led a slide by slide discussion of the revised Air Force presentation to be given at the public forum. He explained the revision was the direct result of the RAB's comments about the presentation at the 8 June 00 Special RAB Meeting. (See Attachment 2)
 - A. The following were some of the TRS suggested changes.
 1. Clarify the 1994 rules and the new TERP rules--particularly the requirements for deed notices. It was pointed out that deed notices were required by both sets of rules.
 2. Explain what is meant by "other projects to benefit the community." There was a concern that these other projects would be in-lieu of cleanup efforts.
 3. Two people expressed concern that the presentation implies that no Kelly contamination reaches the Edward Aquifer.
 4. Identify Kelly on the generic "How contamination occurs" slide and delete the Navarro Clay layer since it only applies to the San Antonio area.

- IV. Updates: Mr. William Ryan, BCA Environmental, gave brief updates on :**
 - A. East Kelly AFB Horizontal Wells
 1. The wells are complete and do not go under any homes, but stay under East Kelly AFB.
 2. The water treatment plant will be tested soon, and RAB members will be invited to the grand opening scheduled tentatively for 6 July 00.

B. Quintana Road Project

1. The project is on schedule and on budget.
2. The City would like to extend the project, and it may be possible for the Air Force to assist their efforts.

V. Administrative

- A. Base Conversion Team (BCT) handouts were presented to Dr. Lené. (See Attachment 3)
- B. Spill Summary Report: There were no reportable spills during the month of May 2000. The committee was briefed on two minor spills that had occurred between 1 - 12 June 00. The reports will be available at the next TRS meeting. (See Attachment 4)
- C. Documents to TRS/RAB (See Attachment 5)
- D. Next TRS meeting: The next TRS meeting will be held 11 July 00 at 6:30 p.m. at St. Mary University's Garni Science Hall.
- E. Action Items: No new action items.
- F. Other Administrative Items:
 1. RAD sites on the base will be discussed at the next TRS meeting.
 2. The difference between "fuel jettisoning" and "fuel misting" were explained. Fuel jettisoning is done only during emergencies and is not accomplished over populated areas. All fuel jettisoning is reported and records kept. Fuel misting, as it is called, can be oily condensation off the aircraft, or a very fine fuel mist from old style afterburning engines. It only occurs when a small amount of fuel is not burned by the engine and is inadvertently blown out of the engine. The only time the mist can be experienced is when an aircraft is very low, such as when it is at the approach or departure ends of the runway in the clear zones. Fuel misting is not likely while the aircraft is in other parts of the landing pattern.
 3. Mr. Rice asked if the Air Force had accepted the Mitretek Report findings as its position. Ms. Leslie Brown, BCA Legal Representative, said no, it stands as an independent report.

IV. Adjournment: The TRS adjourned at 8:30 p.m.

VI. Attachments:

1. Attendance List
2. Air Force Presentation
3. BCT Minutes and Handouts, April and May 00
4. Spill Summary Report
5. Documents List

19S
MINUTAS DE LA JUNTA

SUBCOMITÉ DE REVISIÓN TÉCNICA (TRS, por sus siglas en inglés) DE LA BASE
DE LA FUERZA AÉREA KELLY
PARA LA JUNTA ASESORA DE RESTAURACIÓN DE KELLY (RAB, por sus siglas
en inglés)
13 de junio de 2000, Universidad de St. Mary's, Garni Science Hall
Dr. Gene Lené, Copresidente del TRS

I. Introducción: La junta del TRS se inició a las 6:40 p.m. El Documento Adjunto # 1 es el reporte de asistencia. **[NOTA DEL TRADUCTOR: El documento original en inglés no tenía documentos adjuntos].** Se hizo notar que la orden del día se había modificado para permitir que se hablara de la Presentación del Agua Subterránea Poco Profunda Revisada por la Fuerza Aérea. Los temas que se habían programado originalmente se cubrirán en futuras juntas del TRS.

II. Selección del Contratista del Programa de Asistencia Técnica y Participación Pública (TAPP, por sus siglas en inglés): El Sr. Zapotek, Funcionario Contractual de la Agencia de Conversión de Bases de la Fuerza Aérea (AFBCA, por sus siglas en inglés), informó que ya se había terminado el período de solicitudes y que estaban esperando la firma del General (que se firmarían el 14 de junio de 2000). Los miembros del RAB tendrán que seleccionar al contratista para cada proyecto. El Sr. Zapotek iba a trabajar con el Dr. Lené a una cierta fecha y hora acordada para la junta de selección o conferencia telefónica. El Sr. Rice preguntó si se habían agregado nuevos contratistas a la lista de selección. El Sr. Zapotek dijo que no, pero que era una buena idea para el año siguiente, ya que cualquier cosa que se agregue a la lista de contratistas en este momento, afectaría la emisión de los contratos a tiempo para que se pudieran asignar los fondos actuales.

III. Presentación Revisada de la Fuerza Aérea: El Sr. Tim Underwood, Contratista de AFBCA hizo una presentación con diapositivas de la Presentación Revisada por la Fuerza Aérea que se haría el 14 de junio de 2000 en la sesión pública. Explicó que la revisión había sido el resultado directo de los comentarios del RAB sobre la presentación en la Junta Especial del RAB del 8 de junio del 2000. (Ver Documento Adjunto # 2).

- A. Los siguientes son algunos de los cambios sugeridos por el TRS.
1. Aclaración de las reglas de 1994 y las nuevas reglas del TERP, especialmente los requisitos para la notificación de los títulos de propiedad. Se mencionó que ambos reglamentos requerían los títulos de propiedad.
 2. Se solicitó que se explicara lo que significaba "otros proyectos que beneficien a la comunidad". Había una preocupación de que estos otros proyectos reemplazaran los esfuerzos de limpieza. (El Sr. McCullough explicó que ese no era el objetivo de esos otros proyectos).
 3. Dos personas expresaron que les preocupaba que la presentación implicaba que la contaminación de Kelly no llegaba al Acuífero Edwards.

4. Se mencionó que en la transparencia genérica se identificará “Como ocurre la contaminación” y que se quitará lo de la capa de Arcilla Navarro ya que sólo se aplica al área de San Antonio.
- B. El Proyecto de la Calle Quintana
1. El proyecto se encuentra a tiempo y dentro del presupuesto.
 2. La Ciudad quiere expandir el proyecto y puede ser posible que la Fuerza Aérea ayude en esos esfuerzos.
- C. Se enfatizó que el sistema es una acción de control interina de la fuente y no es la solución final.

V. Puntos administrativos:

- A. Los folletos del Equipo de Conversión de la Base (BCT, por sus siglas en inglés) se le entregaron al Dr. Lené. (Ver el Documento Adjunto # 3).
- B. Informe del Resumen de Derrames: No hubo derrames reportables en el mes de mayo de 2000. Se le hizo una pequeña presentación al Comité de dos pequeños derrames que ocurrieron entre el 1 y el 12 de junio de 2000. Los informes estarán disponibles en la siguiente junta del TRS (Ver Documento Adjunto # 4).
- C. Documentos que se entregaron al TRS /RAB: (Ver Documento Adjunto # 5).
- D. La siguiente junta del TRS: La siguiente junta del TRS será a las 6:30 p.m. del 11 de julio de 2000 en el Garni Science Hall, de la Universidad de St. Mary.
- E. Puntos de Acción: No hubo nuevos puntos de acción.
- F. Otros Puntos Administrativos:
1. En la siguiente junta del TRS se hablará de los sitios RAD de la base.
 2. Se explicó la diferencia entre los términos “chorros de combustibles” y “rocío de combustible”. El vaciar por chorros de combustible se usa durante casos de emergencia y no se realiza en área pobladas. Todas estas maniobras se reportan y se mantiene registros de las mismas. El rocío de combustible, como se le llama, puede ser una condensación aceitosa que se desprende del aeroplano, o un rocío muy fino de los motores antiguos después del quemado. Solamente ocurre cuando el motor no quema una pequeña cantidad de combustible y accidentalmente se vuela del motor. La única ocasión cuando se puede experimentar el rocío es cuando el aeroplano está volando muy bajo, como cuando está en el acercamiento o la terminación de la partida en la pista en las zonas cero. No es probable que exista rocío de combustible durante las otras porciones del patrón de aterrizaje del aeroplano.
 3. El Sr. Rice preguntó si la Fuerza Aérea había aceptado como su posición lo que se encontraba en el Informe Mitretek. Los Representantes de la Fuerza Aérea respondieron que la información que se había usado en el informe pertenece a la Fuerza Aérea y que su interpretación es la opinión profesional del autor.

IV. Cierre de la Sesión: Se cerró la junta del TRS a las 8:30 p.m.

VI. Documentos Adjuntos:



DEPARTMENT OF THE AIR FORCE
HEADQUARTERS SAN ANTONIO AIR LOGISTICS CENTER (AFMC)
KELLY AIR FORCE BASE, TEXAS

13 JUN 2000

MEMORANDUM FOR: REMEDIAL ACTION BOARD/TECHNICAL REVIEW
SUBCOMMITTEE (RAB/TRS)

FROM: SA-ALC/EMC
307 Tinker Drive, Bldg. 306
Kelly AFB, TX 78241-5917

SUBJECT: Monthly Spill Report for May 2000

There have been no reportable quantity or otherwise notable spills for the month of May 2000. Should you have any further questions or require additional information, please contact Mr. Jerry Pantoja at 925-3100 ext. 310 or email jerry.pantoja@kelly.af.mil.

Sincerely

A handwritten signature in cursive script, reading "Sean M. O'Brien".

SEAN O'BRIEN, Capt, USAF
Chief, Environmental Compliance Division

Kelly AFB Environmental Issues

Community Input

Why are we having this meeting?

- Off-base groundwater remedy report to Texas Natural Resource Conservation Commission (TNRCC) in December 2000
- Air Force wants community input before writing the report
- What kind of cleanup remedies does the community want the Air Force to propose in the report?

Agencies with statutory responsibilities

- TNRCC - Oversees environmental programs in Texas
- EPA - Federal agency with a special role in the base-closure process
- GKDA - Redevelopment and job creation
- AFBCA - Closes the base, prepares and returns the property back to the community for redevelopment
- Other agencies

The cleanup report

- The Corrective Measures Study for Zone 4 (CMS)
 - > Will include cleanup options, methods and costs
- Submitted to TNRCC, EPA and the community
 - > TNRCC and EPA review and comment
 - > Public meeting and comment period
 - > Air Force revises report
- Air Force prepares final report
- Cleanup remedy selected

Texas groundwater cleanup rules

- Both require protection of human health and the environment
- Old Rules (Risk Reduction Standards)
 - > Clean up to drinking water standards everywhere
 - > Record in deed by the end of cleanup
- September 1999 Rules (Texas Risk Reduction Program)

Texas Risk Reduction Rules

- Clean up to drinking standards at the edge of management zone
- Record in property deeds or equivalent within 120 days of remedy approval

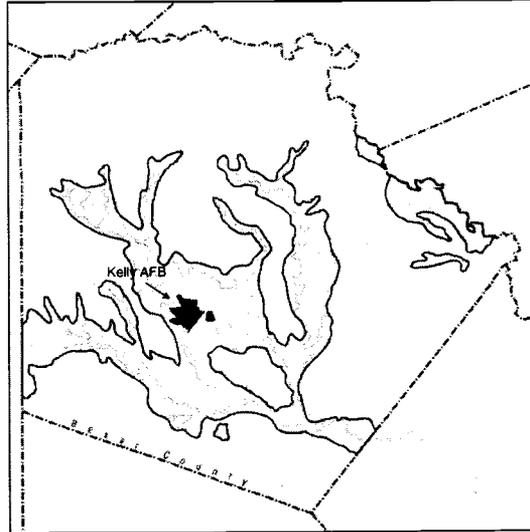
Your part

- Consider options for cleanup:
 - > Off-base Pump and Treat or other remedial techniques
 - > Other projects to benefit the community, or
 - > Some combination
- What does the community want with regard to the shallow groundwater?

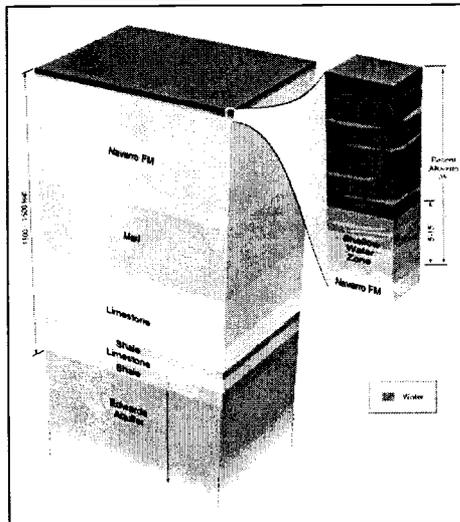
Background information

- Shallow ground water
- Contamination
 - > What is it?
 - > Where is it?
 - > Where did it come from?
- Effect on health

Areas with potential shallow groundwater, Bexar County, Texas



The shallow groundwater zone and the Edwards Aquifer

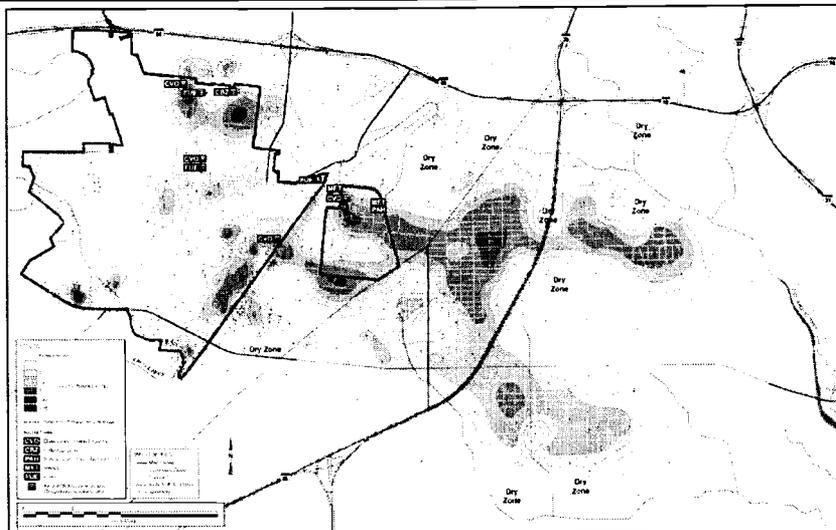


- Shallow groundwater zone is 75% clay, gravel and sand, 25% water
- Water accumulates in spaces between particles
- Shallow groundwater zone separated from the Edwards Aquifer by more than 1,000 feet of impermeable clay and rock
- Shallow groundwater not a reliable source of drinkable water

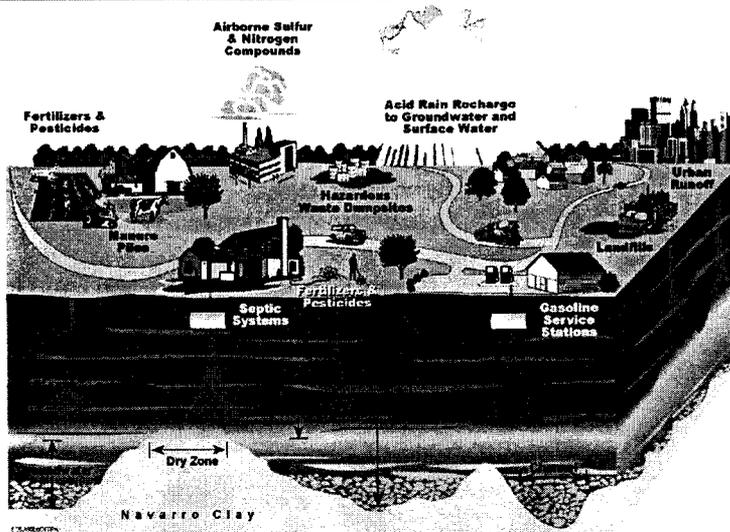
What the contamination is

- TCE and PCE - Chlorinated cleaning solvents widely used in dry cleaning, electronics, textiles, rubber and food-processing, and formerly at Kelly AFB to degrease aircraft engine parts
- 1,2 DCE - A breakdown product of TCE and PCE
- 1,1 DCE - A chemical used in many food and other packaging materials but not used at Kelly. Found in some off-base plumes near Kelly
- Vinyl chloride - A breakdown product of PCE, TCE and DCE. Used in the plastics industry but not at Kelly
- Petroleum products such as cleaners and jet fuel
- Nitrates and other contaminants

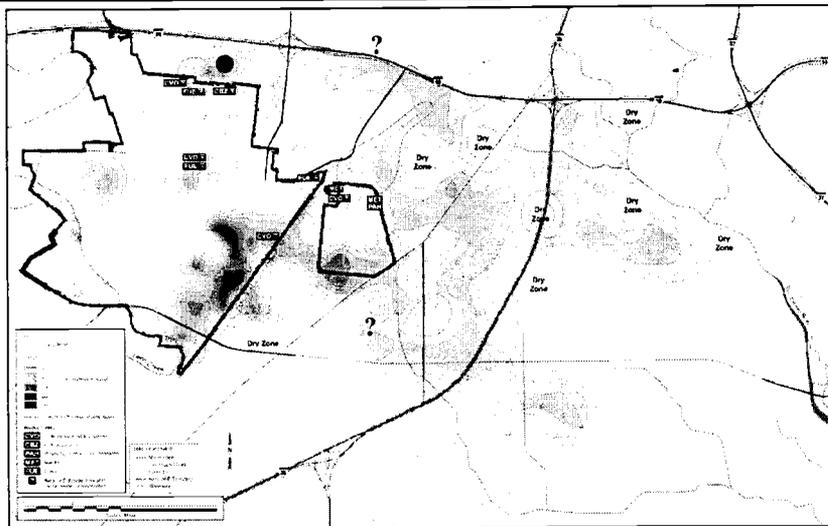
Where the contamination is



How contamination occurs



Sources of solvent contamination in shallow groundwater



Outcome of investigation

- Not much shallow groundwater
- Seasonal variation in water production
- A lot of Kelly contamination
- Variety of contamination from multiple other sources
- Other sources limit effectiveness of Air Force-only cleanup

Public Health Assessment findings - August 1999

- Study done by outside agency
- Current exposures will not make you sick
- PHA showed broad public health issues across Bexar County and South Texas
 - > Not limited to area around Kelly AFB
 - > Example: liver cancer
- Follow-up work needed
 - > Evaluate past air emissions and health outcome data
 - > Evaluate soil vapor reaching homes
 - > Review historical data of on-base Edwards Wells

Topics for work group discussion

- Do you want off-base Pump and Treat, or other treatment technologies and projects to benefit the community, or a combination of these?
- What other kinds of projects to benefit the community should be discussed?
- What do you want to discuss in future Forums?

What's possible?

- What could be done?
 - > To protect human health and the environment
 - > To benefit the community environment
- Potential for cooperative efforts with the City, SAWS, TXDOT, SARA, EAA, and other agencies and districts
 - > Planned river improvement projects
 - > Well capping
 - > Edwards Aquifer recharge zone protection
 - > Storm water projects
 - > Sanitary sewer improvements
 - > TXDOT and Metropolitan Planning Organization cooperative projects

Schedule

- | | |
|---|-----------------|
| ■ Public Meeting I | June 14 |
| ■ Mid-level Regulators | Pending |
| ■ GKDA Board Meeting | June 28 |
| ■ Environmental Summit | Pending |
| ■ Public Meeting II | Week of July 17 |
| ■ Public Meeting III | TBD |
| ■ Public Meeting IV | TBD |
| ■ Public Meeting V | TBD |
| ■ Additional Public Meetings
and Community Group Briefings | |
| ■ Submission of Report to TNRCC | December 00* |

*Earliest date possible

REPORTS
FOR
ST MARY'S

REPORTS LISTED BELOW WERE TAKEN TO THE ST. MARY'S
LIBRARY - BCT On 13 Jun 2000

Date Status ADM

771

Quality Program Plan 2000 RCRA Compliance Plan/Groundwater Monitoring

May 00

Final

Inf

Date:

6/13/2000

Signature:

David W. Lee

x

BCT Meeting 13 June 2000

The meeting was held on Tuesday, 13 June 2000 at 9:00 am in the WPI Office, 12th floor conference room.

Members Present and Support Personnel:

Name	Organization	Present	Absent
Brown, Leslie	AFBCA/DK	X	
Buelter, Don	AFBCA/DK	X	
Callaway, Laurie	BCA (KPMG)	X	
Carrillo, Mike	EPA	X	
Farrell, Philip	GKDA	X	
Landez, Norma	AFBCA/DK	X	
Meshako, Chuck	AFBCA/DK	X	
Neff, Richelle	UNITEC	X	
Power, Abigail	TNRCC	X	
Price, Lisa Marie	EPA	X	
Rohne, Russell	AFBCA/DK	X	
Ryan, William	AFBCA/DK	X	
Stankosky, Laura	EPA	X	
Underwood, Tim	BCA (KPMG)		X
Weegar, Mark	TNRCC	X	
Wehner, Ellie	TNRCC	X	

Dates for upcoming meetings:

July 11, 2000
 August 8, 2000
 September 12, 2000
 October 10, 2000
 November 14, 2000
 December 12, 2000

Item #	Lead	Support	Discussion Topic	Comments	How will we know it's done?	Disposition
1.	Glass, J.		Administrative Record CDs	Deliver administrative record CDs to the regulators and provide a demonstration on how to use the CDs.	Demonstration is complete.	Closed. Air Force provided an overview and presentation of the administrative record software. All administrative record information through May 1999 has been scanned into the system and is available on the CD. Sets of CDs were distributed to the TNRCC and EPA along with a user instruction manual.
2.	Buelter, D.	CH2M Hill	IWCS Sampling Plan	Present rinsate sampling plan for the IWCS.	Presentation is complete.	Closed. At the May meeting, the BCT discussed ways to verify cleaning of the IWCS line. Kelly AFB discussed the sampling plan which includes collecting rinsate samples from sections of lines as they are cleaned. Kelly AFB received a copy of the Reese AFB IWCS Sampling Plan and is following a similar procedure that Reese used to verify the cleaning of their line. So far Kelly has cleaned 6,000 feet of line and has found very little sludge. Rinsate from the lines will be disposed of at the EPCF. Sampling results will be presented during the zone updates at future BCT meetings.
3.	Rohne, R.	CH2M Hill	Ecological Risk Assessment	Provide an update on the status of the ecological risk assessment.	Team receives update.	Closed. The Air Force will carry sites SA-1, D-6, D-7, D-8, and D-9 forward to Tier II. The sites are expected to drop out of Tier II early. The Air Force will submit the response to comments, teleconference minutes, meeting minutes, and presentation slides from the 17 May meeting to the TNRCC and EPA.
4.	Brown, L.		Site D-10	Provide an update on site D-10.	Team receives update.	Closed. The Air Force Litigation Office is sending a Consent Order through the chain of command. The Consent Order will also be sent to the EPA for their review and the TNRCC will receive a courtesy copy.
5.	Chapa, M.		Closure of Hydrant System	Present general procedures and activities associated with decommissioning the hydrant systems.	Presentation is complete.	Open. The hydrant system has been divided into north and south lines. The process for closure of the hydrant system is pre-characterization, cleaning and grouting, release assessment determination, and reporting. The north hydrant system is currently being pre-characterized. The closure of the north system will be conducted in accordance with the TNRCC's PST regulations. The south system is more complex due to potential co-mingling of soil contamination. The Air Force will decide upon a plan to address closure of the south hydrant system and present the plan at the July BCT.
6.	Hampton, R. Landez, N.	SAIC	300 Area	Discuss 300 Area sources.	Discussion is complete.	Closed. Investigations have been conducted to locate the source areas of PCE and TCE in the 300 Area. Three potential source areas for PCE were investigated upgradient of S-4 in the vicinity of Buildings 361, 363, and 365. The source for Area 1 has been identified and will be addressed during the IWCS closure. The sources for Areas 2 and 3 were not identified and no further investigations are planned. The suspected TCE source area in the 300 Area was investigated, including the highest SOV area, and the source area was not identified. No further investigations are planned for the TCE source. The groundwater contamination in both of these areas will be addressed in the 300 Area RFI Report.
7.	Peck, W.	Courtney, S.	Horizontal Wells	Present and discuss results of the horizontal well capacity pumping tests.	Discussion is complete.	Closed. Pumping tests for the horizontal wells have been completed. The current projection is for 450 gpm, which is 100 gpm greater than what the model indicated is required. A final tune-up of the system is underway. An initial run of the system will be conducted and during the initial run, the groundwater sent through the treatment plant will be collected and analyzed prior to discharge through the permitted outfall. The grand opening is scheduled for 6 July 2000.

Item	Lead	Support	Discussion Topic	Comments	How will we know it's done?	Disposition
8.	Peck, W.	Courtney, S.	Zone 4 RFI/CMS	Provide an update of the status of the RFI/CMS report.	Team receives update.	Open. Funding has been received and the contracts will be awarded in late June. The RFI report will be submitted in August/September 2000. The CMS for OU-1 and OU-2 will start upon award of the contract. The BCT will be updated on the progress of the RFI and CMS monthly.
9.	Peck, W.	BAH	Performance Based Cleanup Contracting	Provide a brief introduction of the PBC2 initiative, especially as it relates to the Zone 4 OWS project.	Presentation is complete.	Closed. A performance based contract (PBC) is planned for Kelly AFB. The PBC pilot project is for the removal of oil/water separators. The PBC should reduce project time and cost. The Contractor will take on more responsibility and potential risk. The PCB should also reduce reporting time since the Contractor will work directly with the regulators. The Air Force will provide project oversight.
10.	Shipman, J.		Radiological Site Update	Provide an update on the status of radiological sites.	Team receives update.	Closed. The Air Force has identified 4 radium sites, B324, B326, B361 and B365. Radiation levels detected at B324 and B326 indicate that remediation is required at these buildings. Levels detected at B361 and B365 are near background, therefore remediation is not required at these buildings. The Base Radiation Safety Office has provided training for AF personnel, Lockheed Martin staff and Boeing staff who work in these buildings.
11.	Underwood, T.	BCT Members	Redevelopment Update	Update the BCT regarding redevelopment status at Kelly AFB.	Team receives update.	Closed. GKDA is still going forward with the Boeing hangar design. GKDA's modifications to B171 for LM IMS will be completed by July 1. The EPCF will be funded by DMAG funds through September 2000 and BRAC funds through December 2000. AFBCA is working on a letter requesting a final position on the transfer of the EPCF. Lease amendment 12 is in coordination. Lease amendment 13 will be done once EDC Amendment 4. Scheduled to be completed by September. Lease amendment 13 will be the last lease amendment. GKDA is holding monthly meetings with Boeing. GKDA is developing a Cultural Resources Management Plan that will provide guidance for cultural and historical resources on base such as the bungalow area. Building 374 is ready to be transferred. Awaiting one item from the Secretary of the Air Force. Transfer of the water system is still in coordination. Date is unknown as to when this will be completed. Kelly AFB will have a change of command on 24 July. Gen. Bielowicz will move to Wright-Patterson AFB and Gen. Murdock will take over command of Kelly AFB through 13 July 2001.
12.	Ryan, W.	Buelter, D. Peck, W. Rohne, R.	Zone Updates	Provide team with update of current activities in Zones 2, 3, 4 and 5.	Team receives updates.	Closed. Handouts distributed.
13.	Ryan, W.	Weegar, M. Carrillo, M.	List of Future Deliverables (Regulators/RAB)	Each month, provide a list of upcoming documents for review.	Team receives list of upcoming documents for review.	Closed. Handouts distributed.
14.	Ryan, W.	BCT Members	BCT Teleconference Scheduling	Each month, establish the coming schedule of teleconferences.	Teleconference schedule adopted by the team.	Closed. A teleconference was not scheduled for June.
15.	Ryan, W.	BCT Members	Begin July Agenda	Each month, begin to establish the next month's agenda at the end of the BCT meeting.	Team approves agenda items.	Closed. Agenda items for the July BCT are: <ul style="list-style-type: none"> • Zone 5 Off-base Investigation • Zone 2 Site Closures OT-1, FC-2, and S-9 • Zone 4 RFI/CMS Update • Zone 3 Nature and Extent • 1500 Area Closure Strategy • Zone 5 Recommended Alternatives • Kd Values for Pb

Agenda

Kelly Radioactive Site Briefing BCT Meeting, Tues, 13 Jun 00

A. Introductions:

B. Kelly Radioactive Program Overview:

1. Basewide overview (27 total sites)
 - Site List/Closure Status (Atch 1) First 15 sites should be NFA by Oct 00.
 - Time Line (Atch 2)
2. 4 Radium Paint Shops (B361, 365, 324 & 326)
 - Locations (Atch 3)
 - History: Old maps, aerial photographs, and real estate docs
 - B129 (under B361) and 133 (under B365) (1922-34)
 - Deed Recordation/Institutional Controls
 - B324 and 326 (1934-52)
 - Need remediation
 - Maps of contaminated areas avail upon request
3. Zones 1-5 (See Atch 1) - All radioactive sites are independent from other IRP, SWMU, and PST sites. Sink drains did dump into san sewer at the time. There is no radioactive Soil or GW contamination as of this date.

C. Current Regulatory Process/ARARs:

1. USAFRIC/NRC: regulates all Kelly radioactive sites, both permitted and non permitted.
 - 27 Mar 00 Letter from RIC.
 - Will accept EPA's cleanup levels but want to review all documents and terminate permits.
 - Using MARSSIM Guide (1997, developed by EPA, NRC, DOE and DOD). Steps
 - RIC will issue new permits for the sites that need remediation, and then decommission permit after FSS
2. EPA's role:
 - Want to set cleanup levels, approve ALARAs and review all documents.
 - 15 mrem annual dose or Risk Assessed value.
 - AFBCA needs to meet EPA's requirements for protection of health and env for Kelly property transfer under CERCLA.
 - McClellan AFB situation is similar
3. TDH: Want to be cc'd on all plans and final reports, with the option to comment.
4. TNRCC, Region 13: Want to be cc'd on all plans and final reports, with the option to comment.

D. Recent Survey Results & Radiation Levels:

1. 1998, we did first scoping surveys for B620 and 375-3.
2. 1999 Scoping Surveys 13 Sites (Finals are almost finished and will be sent to EPA/TDH/TNRCC soon)
 - B361 (129) and 365 (133) results. - all levels are indistinguishable from background.
3. 2000 Characterization Surveys, 5 Sites (Bldgs 324, 326, 375-2LM, 620, 1420) Final Reports due Jun 00
 - Bldgs 620, 1420 - Remediation completed in May 00
 - Bldg 375/2LM: OOC Remediation to start hopefully ~ Aug 00
 - Latest B324 results and status/drains (~ 50 mrem Occupational Effective Dose Equivalent (EDE) annual dosage, no Radon)
 - B324 - Funding Doc turned in 20 May 00 (~ 1.5 M)
 - Contract Award - Jun 01 - Jun 02 (Pending relocation of network station)
 - Latest B326 results and status/drains (~ 750 mrem EDE annual dosage, including Radon)
 - B326 - Funding Doc turned in 20 May 00 (~ 1 M),
 - Contract Award - Dec 01 - Feb 02
4. Health risks/actions taken - B324, 326 and 375/2LM
 - Levels are relatively low and no threat to employee's health.
 - Training Sessions for LM, Boeing and AF employees accomplished in May 00.
 - Base Radiation Safety RSO
 - San Antonio TDH Representative

JUNE 13, 2000 BCT ZONE 5 STATUS REPORT

PROJECT	STATUS	DELIVERABLE DATE
Zone 5 RFI	Revised pages completed IAW regulator comments.	11 Jan 00
Zone 5 CMS	Draft CMS for Zone 5	22 Feb 00
Site S-1 (SS003) IRA	Excavation/backfill completed 1 Dec 99. <i>SVE system completed. Water treatment system was down, so waiting on that to be repaired.</i>	
1500 Area Bioventing	<i>Gathering data for shutting off system. Will propose 6 month shutdown, then sampling/analysis. Need to discuss Compliance Plan requirements.</i>	
Warehouse Area SWMUs	B1420: Closure report submitted 15 Nov 99. Pending regulator review. B1501 OWS: work ongoing. B1501 vaulted oil tank: pending contract mod. B1519 wash rack: TNRCC concurs with NFA.	15 Nov 99 (<i>We have not received approval. Need to check on this closure</i>)
SWMU Closures	B50 OWS: Closure report (RRS2) submitted 3 Dec 99. Request regulator concurrence. B70 OWS: Additional investigation ongoing. B894 OWS: Closure report (RRS2) submitted 3 Dec 99. TNRCC approved report on 23 Dec 99. Certificate of remediation has been filed with Bexar County. Certificate of Deed recordation mailed to regulators 23 Feb 00. B914 OWS: Timeline Building 914 demo changed from 2002 to 2001. Kelly plans to close site at time of building demolition (2001). Letter was sent 10 Jan 00. Pending regulator response. B920 OWS (removal/replacement): RRS2. Pending contract mod. B946 OWS (removal/replacement): RRS2. Pending contract mod. B966 OWS: Additional investigation required for closure. USACE has submitted a New Contract Solicitation SOW dated 26 Jan 00 to contractor. <i>SAIC will begin work on 14 Jun 00. Installing one soil boring and one monitor well per TNRCC comments.</i> B1147 OWS (removal/replacement): RRS2. Pending contract mod. B1151 OWS (removal/replacement): RRS2. Pending contract mod. B1418 Lift station/OWS: <i>Investigations are ongoing. Waiting on analytical results to proceed. Drainlines have been uncovered and 4 soil borings advanced. Further investigations will be submitted in a single report.</i>	3 Dec 99 (<i>We have not received approval. Need to check on this closure</i>) (Also need to check on Bldg. 3003, SWMU 73. It was sent in at the same time.) 23 Feb 00 10 Jan 00 (<i>Have had no response</i>)

**ZONE FOUR
RECENT PROGRESS/DEVELOPMENTS UPDATE
13 JUN 2000**

ZONE-WIDE ACTIVITIES:

OU-1 RI - Additional fieldwork identified in the previous RFI Report was completed. Additional funding has been received and a delivery order mod to complete the report is expected NLT 22 Jun 00. Submission of the report is expected in August or September 00.

OU-2 RI - The final item of field work, the soil/vapor pathway sampling, has been completed. Test results were sent to ATSDR on 31 March for evaluation. Preparation of the RFI report, which has been delayed due to funding/contracting considerations, is expected to resume in after a contract mod which is expected NLT 22 Jun 00, with submission in Aug or Sep 00.

IRA Boundary Control - The specific capacity pump tests began on 03 May 00 and are complete. The plant has been test operated on "clean" water, and actual operation testing is expected the week of 19 Jun 00 with effluent being contained in portable tanks pending analysis. Official-opening of the system is scheduled for 06 Jul 00.

Shallow Aquifer Assessment - Response to comments on SAA Phase III Draft Final were forwarded to regulators. SAA Phase IV Draft Final completed and forwarded to regulators for comment in April 00.

San Antonio River Sampling - USGS and SARA fieldwork completed during June 1999. The final ITIRs have been received. ITIRs forwarded to regulators and are awaiting any comments. EPA has provided comments; awaiting comments from TNRCC. The revised SARA report containing the second phase sampling was provided to the TNRCC on 08 Jun 00. Once comments received and reviewed, reports can go final.

ATSDR -- Provided information to Historical Air Emissions Report and Informal Technical Information Report, Zone 4 OU-2 and Site S-4 Soil Vapor Monitoring. ATSDR plans to release several documents as part of the PHA in 2000. Drafts of the East Kelly Off-Base Report and the Past Drinking Well Exposure Report were subjected to input data review during Jun 00.

DRMO FACILITIES:

Bldg 3096 - Revision 1 to the Closure report, including comment responses from previous submissions, completed and forwarded 20 Apr 00. Currently awaiting final review and concurrence on unit closure from TNRCC.

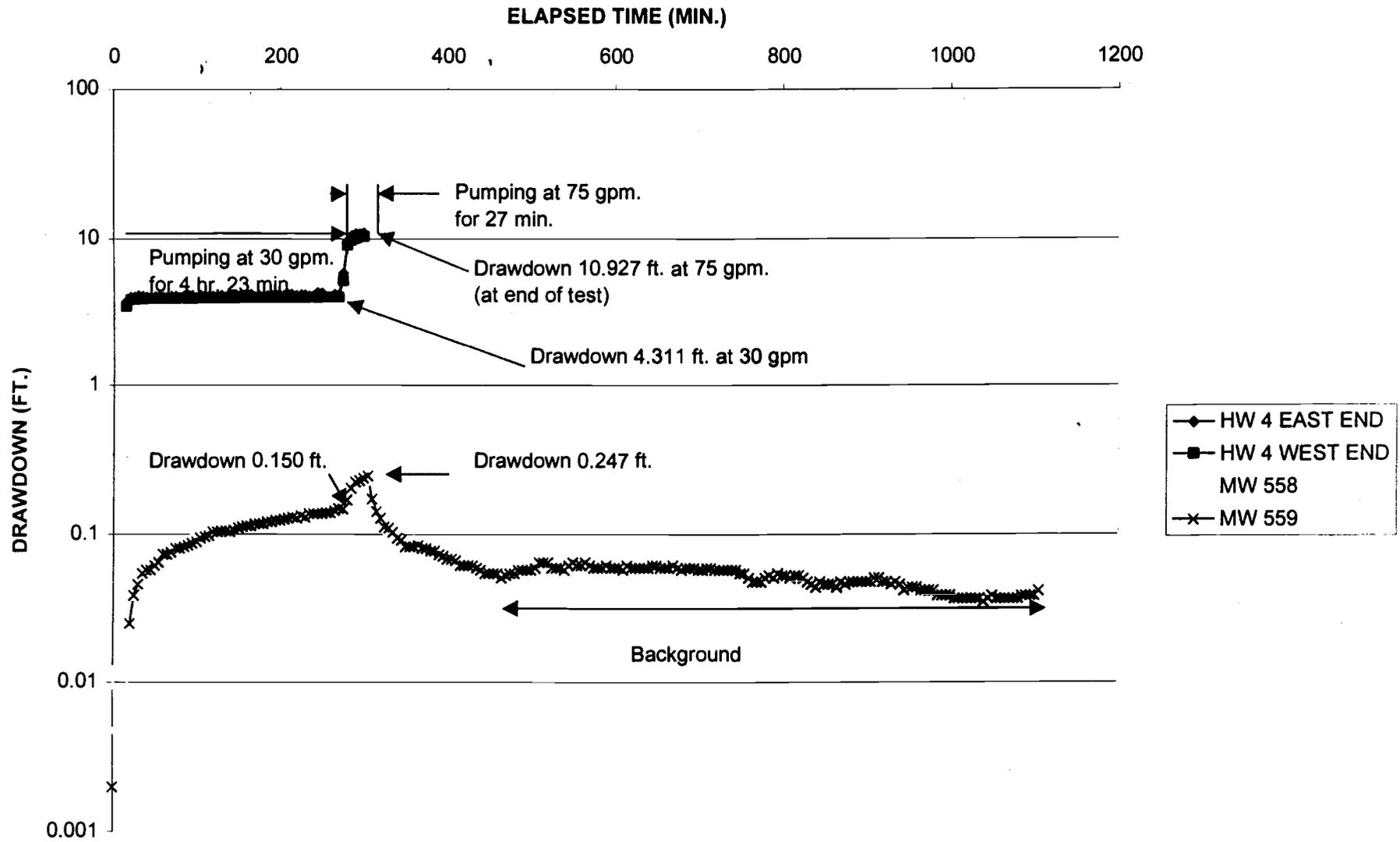
Yard N - No change. Closure requested, Oct 98. TNRCC review date projected as 30 Sep 99.

Bldg 3065 - Approval of Closure report received in November. Survey and deed recordation was accomplished and submitted to the TNRCC in January 00.

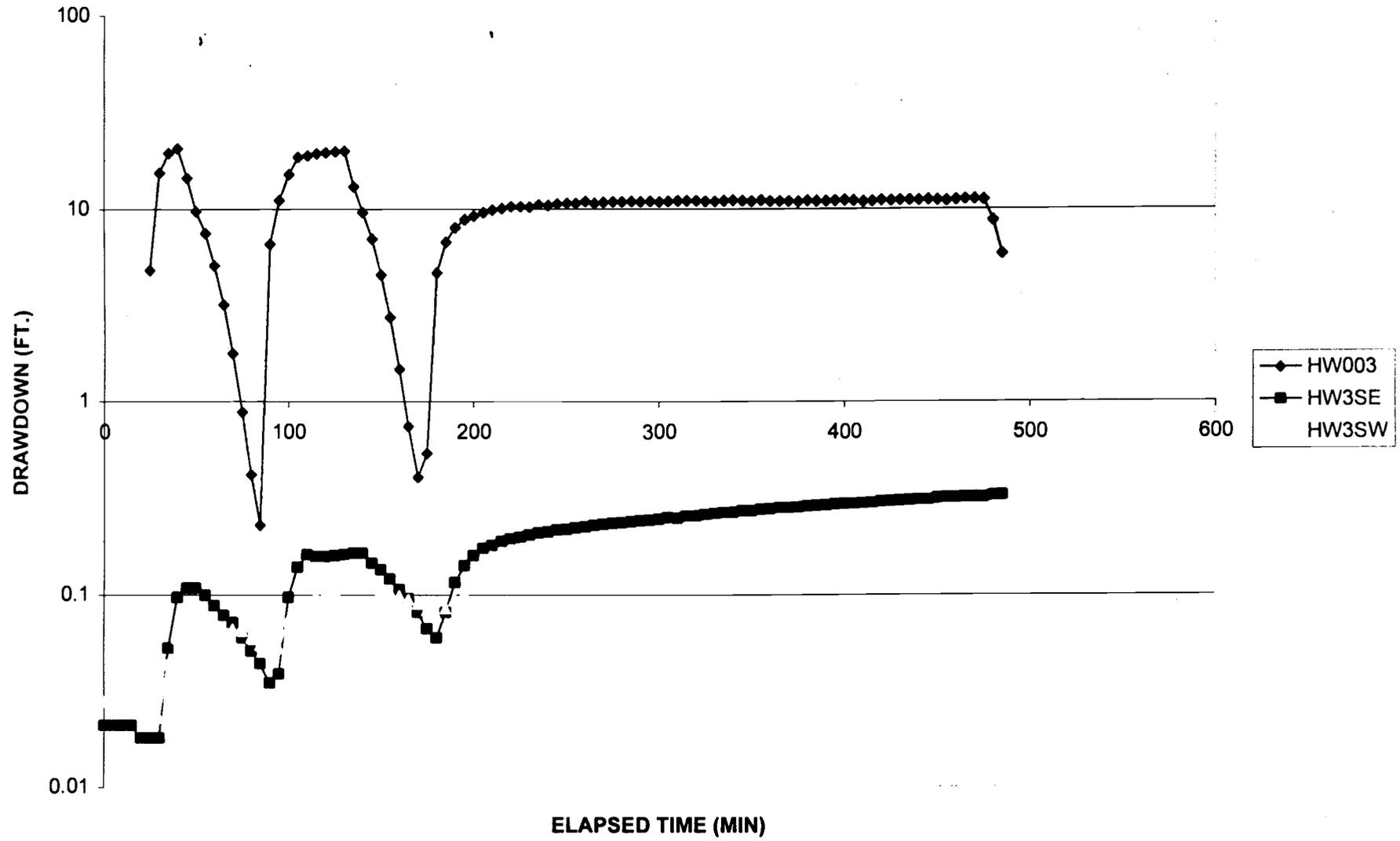
Lot Z04 - Final Closure Report submitted to the TNRCC on 23 Nov 99. Awaiting approval. Survey and deed recordation documents prepared.

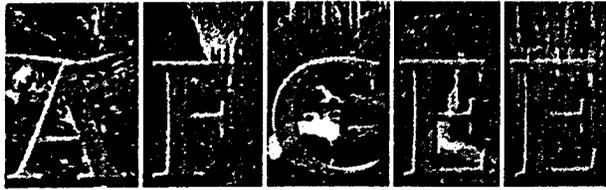
Yard 13 - The review of the draft data study has been conducted and the final report is now due. A very brief delay is being experienced due to contracting issues.

HW 004



HW003





Performance Based Contracting as a Tool for Environmental Cleanup

Kelly AFB

OWS Removal Prototype Project

June 13, 2000

Presented by David Bragg (BAH)

PBC—*What is it?*

A term that often means different things to different people. . ., but fundamentally, it represents a new way of procuring services

- **A new contracting philosophy**
 - demands a cultural change among procurement professionals
 - minimal focus on government directed process
 - maximum focus on results

- **Characteristics**
 - Milestone driven incentives
 - Measurable performance criteria
 - > Results oriented
 - > Jointly agreed to
 - > Tied to specific standards

PBC Evolution

Why Now ???

1994—Office of Federal Procurement Policy (OFPP) issues performance-based policy and initiates a government wide pilot project (15 agencies, 26 contracts, \$585M value)

1997—OMB directed all federal agencies to establish pilot programs for applying PBC to environmental contracts

1998—OFPP Pilot project reports

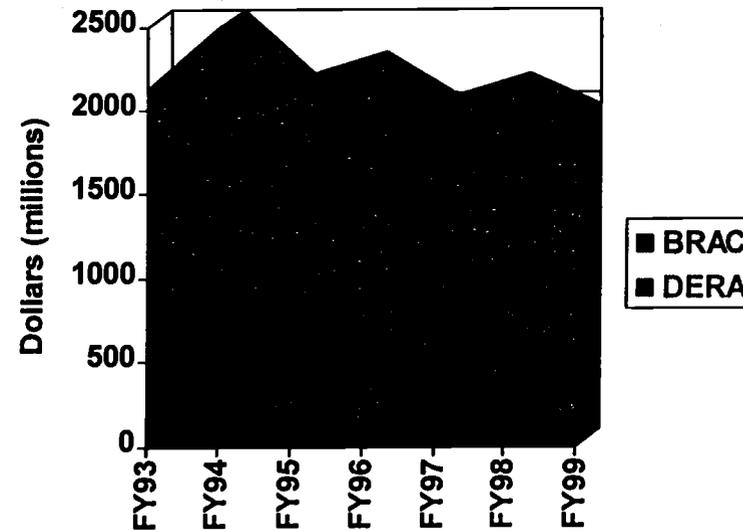
- 15% price reduction
- 18% improvement in contractor work satisfaction

2000—USD for Acquisition, Technology, and Logistics announces new PBC service contract goals. . . 50% by 2005

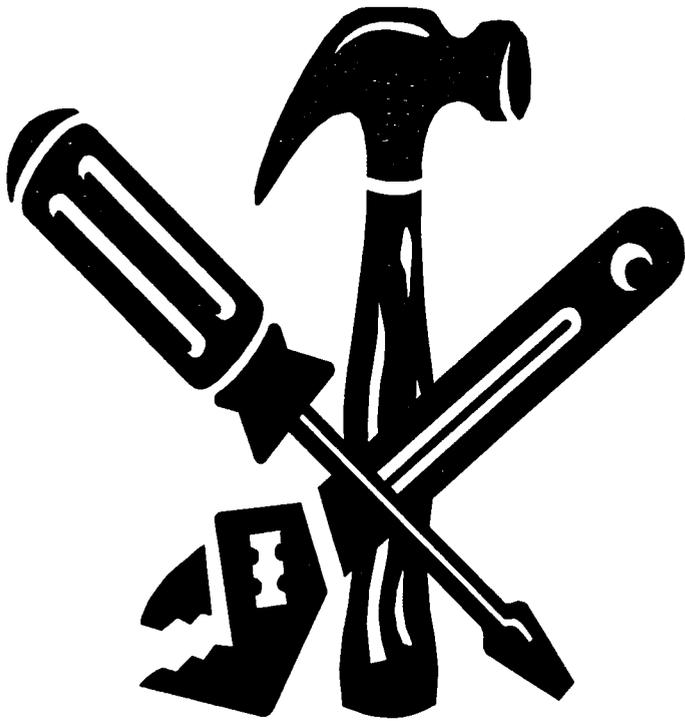
PBC Evolution (cont.)

- Growing funding pressures demand new approaches
- DUSD(ES) is striving to expedite cleanups and economic development
- Innovation is essential
 - Technology
 - Procurement Process
 - Public/private collaboration
- Insurance products expanding

DERA and BRAC Funding

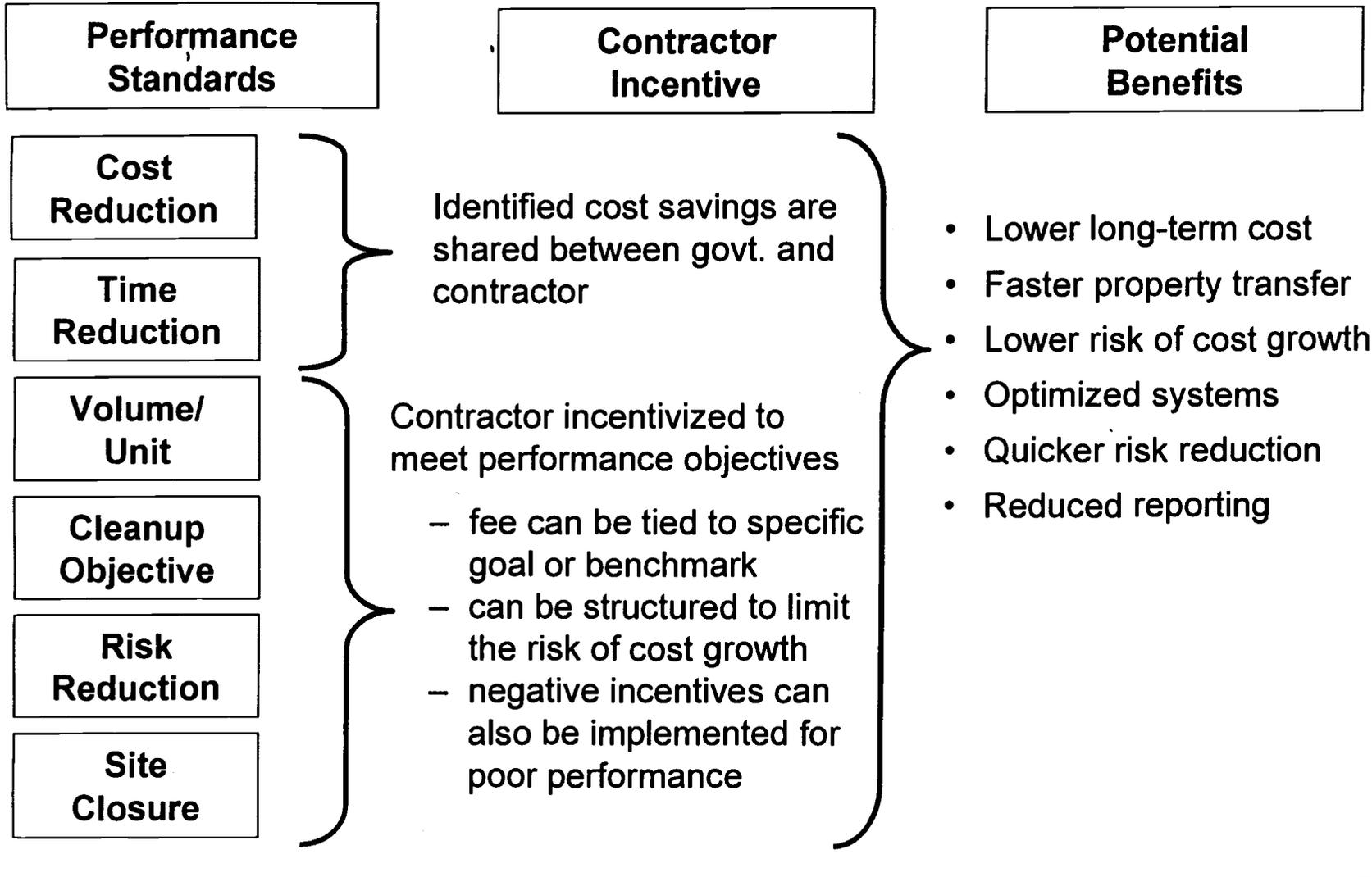


Evolution—Procurement Changes

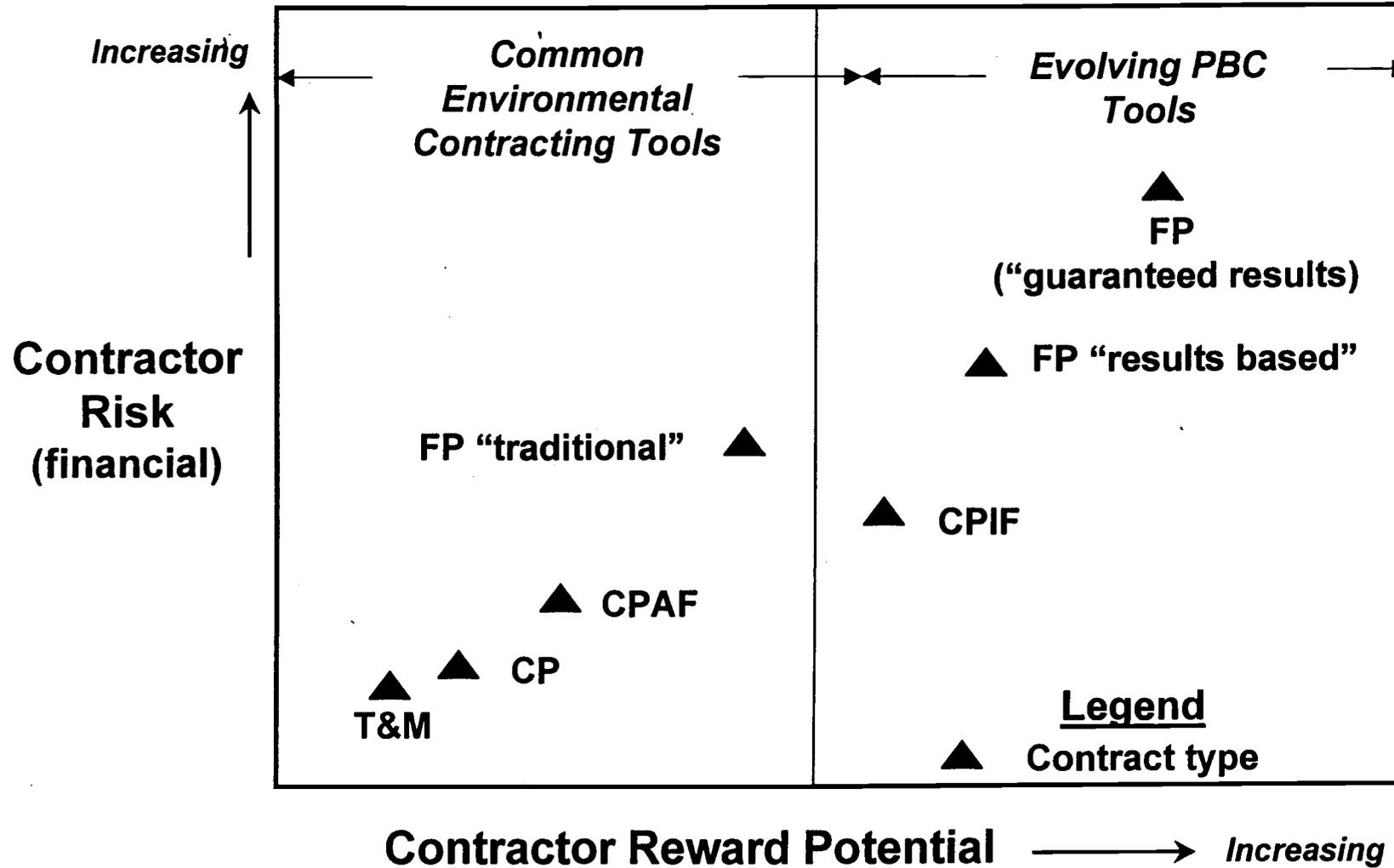


- More tools available
 - Design/build & full service vehicles
 - PBC (FAR Part 37)
 - Mgt. & Integration Contracts (DOE)
 - Outsource functions
 - Multiple award
 - GSA Schedule
- FAR Part 15 rewrite/FASA
- Better implementation – lessons learned

PBC Attributes



PBC Relationships To Other Tools



PBC—*Who's doing what?*

- **DOE** —Several projects (e.g. rocky flats and Handford Tank Waste Remediation System)
- **EPA** —6 Pilot projects
- **Army** —FORSCOM; Rio Vista and Camp Pedricktown
 - >Closure based requirements
 - >Characterized and uncharacterized contamination
 - >Indemnification not required but provided
 - >Cost: approximately \$ 6M for both projects

- **COE** —Shaw AFB SVE system operation
 - >System optimization and schedule requirements
 - >Incentives base on weighted average
 - >Quarterly incentive payments

PBC—*Who's doing what?*

- **NAVY** —Charleston Shipyard
 - >Property transfer based requirements
 - >Characterized and uncharacterized contamination
 - >\$ 65M indemnification required
 - >Cost: approximately \$ 28.8M

- **Air Force** — AFBCA/AFCEE
 - >Comprehensive PBC evaluation
 - >Intend to implement 4 prototype projects
 - >June 00 Kelly AFB prototype implementation (OWS removals and site closure)

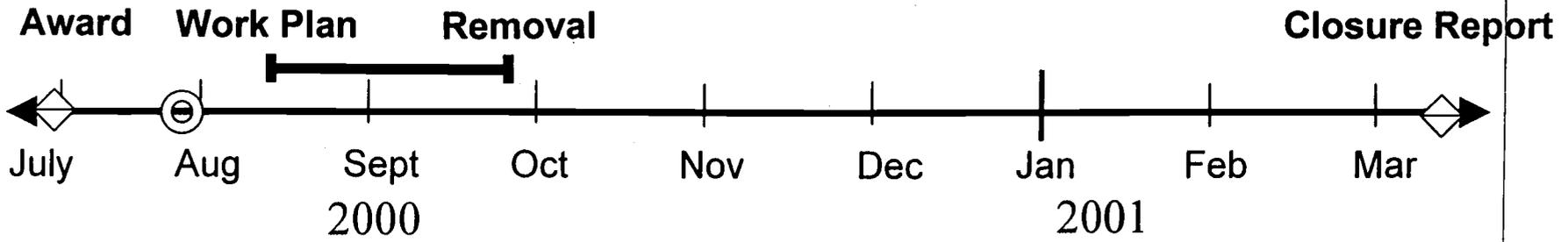
Kelly AFB OWS Sites– Project Overview

PROJECT REQUIREMENT/ DESCRIPTION

- Close three SWMU sites (OWS 3760, 3826, and 3828)
- Planned program funding (traditional) \$230K
- Reuse Driver

OPPORTUNITY

- Accelerated closure and property transfer
- Cost control
- Test the PBC² tool for closure
- Local Oversight



Implementation Considerations

- Team buy-in is key to success
- New approach demands cultural change that drives towards a privatized approach to cleanup
- Will add an additional stakeholder to the process (the contractor)
- Contract preparation will require above average level of effort—need to better define objectives and negotiate performance standards
- Evaluation of cost savings requires an effective data collection system to provide meaningful and valid data for analysis
- Measures of progress must be clearly identified prior to implementation
- Ultimately, risk management needs, financial considerations, site complexity, and contract requirements will drive contractor insurance decisions

Conclusions

Future DoD Cleanup will Focus on:

- A new round of BRAC???
- Risk management
- Improved business practices
 - Procurement improvements
 - Privatization
 - Performance based contracting
- Optimize long-term O&M systems
- Site closeout/transfer

Conclusions (cont.)

What PBC cannot do . . .

- Guarantee cost control or project success
- Shift risks to contractors without a corresponding increase in cost to the government

What PBC may do . . .

- Offer more flexible tools for addressing the uncertainties
- Encourage improved working relationships
- Reduce reporting
- Deliver a better, faster, and cheaper solution to particular environmental problems

FINAL PAGE

ADMINISTRATIVE RECORD

FINAL PAGE