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From: Pino, Anntoinette R CTR USAF AFMC 377 MSG/CEANR
[Anntoinette.Pino.ctr@kirtland.af.mil]
Sent: Monday, February 07, 2011 2:54 PM
Subject: re: Email Notification of Kirtland AFB CAB Meeting for Tuesday, February 15, 2011
Signed By: There are problems with the signature. Click the signature button for details.
Attachments: CAB Meeting Minutes 23 November 2010.pdf



CAB Meeting
minutes 23 Novembe.

EMAIL NOTIFICATION:

Greetings from the Kirtland Air Force Base (AFB) Environmental Restoration Program (ERP)!

The purpose of this email is to inform you of our upcoming Citizen Advisory Board (CAB) Meeting on Tuesday, February 15, 2010 at 6:00pm at the Cesar Chavez Community Center, located off of Louisiana Blvd. and Kathryn. Attached are the meeting minutes from the previous meeting.

During previous CAB meetings held by Kirtland AFB the initial organizational development was discussed with the focus being on the path forward addressing the Bulk Fuels Facility (Phase-Separated Hydrocarbons (PSH)) (Site SS-111).

Please come join us and help plan our future stewardship of the environment.

Citizens may review Air Force ERP documents at the Kirtland AFB Information Repository at the Central New Mexico Community College-Montoya Campus Library, 4700 Morris NE or by visiting the Kirtland AFB website at <http://www.kirtland.af.mil> in the Environmental Issues section for Public Records. DOE documents are available at the University of New Mexico, Zimmerman Library.

For more information please contact Wayne Bitner, Chief, Restoration Section at (505) 853-3484.

To update your contact information, please reply to this email with your new contact information.

Kind Regards,

Renee Pino
Kirtland AFB Program Support







DEPARTMENT OF THE AIR FORCE
HEADQUARTERS 377TH AIR BASE WING (AFMC)

MEMORANDUM FOR CITIZEN ADVISORY BOARD MEETING MEMBERS

FROM: 377 MSG/CC

SUBJECT: Citizen Advisory Board (CAB) Meeting Minutes

1. The CAB meeting for the Kirtland Air Force Base (AFB) Environmental Restoration Program (ERP) and interested Stakeholders was held at the Cesar Chavez Community Center, 7505 Kathryn SE, Albuquerque, New Mexico 87108 on November 23, 2010 at 6:00 p.m.

2. 45 attendees signed in. There were a total of 76 attendees present for the meeting.

Attendees: *(Sign-in sheet)*

Ms. Marie Vanover	377 ABW/PA	Marie.Vanover@kirtland.af.mil
Mr. John Pike	377 MSG/CEAN	John.Pike@kirtland.af.mil
Mr. Wayne Bitner	377 MSG/CEANR	Ludie.Bitner@kirtland.af.mil
Mr. Mark Holmes	377 MSG/CEANR	Mark.Holmes@kirtland.af.mil
Ms. Victoria Martinez	377 MSG/CEANR	Victoria.Martinez@kirtland.af.mil
Mr. Patrick Montano	377 MSG/CEANQ	Patrick.Montano@kirtland.af.mil
Ms. Diane Agnew	Shaw Environmental	Diane.agnew@shawgrp.com
Mr. Walter Migdal	USACE	Walter.Migdal@usace.army.com
Mr. Mike Goodrich	USACE	
Mr. Mike Bone	USACE	
Mr. Kris Skopeck	USACE	
Ms. Karen K. Schmiede	Private Citizen	kareschmiede@yahoo.com
Ms. Renee Pino	TLI Solutions, Inc.	apino@tlisolutions.com
Mr. David Seely	Kirtland FCU	email – none
Ms. Barbara Gastian	ABCWUA	bgastian@abcwua.org
Mr. Billy Gallegos	City of ABQ	bagallegos@cabq.gov
Mr. Roland Pentilla	Private Citizen	macuser48@gmail.com
Mr. Bryan Adams	WDC Exploration	Bryan.Adams@wdcexploration.com
Mr. Dwight Denton	Private Citizen	email – none
Mr. Jeff Walker	HGL	jwalker@hgl.com
Ms. JoAnne Allen	Private Citizen	joann.allen@comcast.net
Mr. Rey Garduno	City Councilman	reygarduno@cabq.gov
Ms. Ann Beyke	Private Citizen	petlosscounselor@aol.com
Mr. Sherman McCorkle	Private Citizen	email – none
Mr. Marcus Pegasus	Private Citizen	email – none
Mr. Don Meaders	Private Citizen	shellout@earthlink.net
Mr. Michelle Meaders	Private Citizen	shellout@earthlink.net

Ms. Mikki Arnoff	Private Citizen	ochoylvna@yahoo.com
Mr. Joe Wexler	Private Citizen	
Mr. Alex Mora	City of ABQ	alexmora@cabq.gov
Mr. Bill McDonald	NMED	William.Mcdonald@state.nm.us
Mr. Wayman L. Cole	Private Citizen	mlwlcole@yahoo.com
Mr. Wiende O'Brien	Bernalillo County	wobrien@bernco.gov
Mr. Hasan Shaikh	Private Citizen	sabiha@aol.com
Ms. Sabiha Quraishi	Private Citizen	sabiha@aol.com
Mr. Stuart Purviance	Private Citizen	email – none
Mr. Dan Hogan	Private Citizen	email – none
Mr. Deedra Jarrell	Private Citizen	email – none
Mr. Alex Sielicki	Private Citizen	alex.sielicki@gmail.com
Mr. Chantal Foster	Private Citizen	Chantal.Foster@gmail.com
Ms. Jessica Perez	NM Senator Liaison	Jessica_perez@bingaman.senate.gov
Mr. Rodger Hartman	Private Citizen	rodgerhartman@gmail.com
Mr. Richard Barish	Private Citizen	rabarish@aol.com
Mr. Julian Moya	City of ABQ	julianmoya@cabq.gov
Mr. Antonio Sandoval	Constituent Liason	antonio.sandoval@mail.house.gov

3. Introductory remarks and welcoming were made by Mr. Wayne Bitner followed by Executive Director Thomas Berardinelli, 377 MSG/CE, who thanked the CAB members and guests for their attendance and participation in the quarterly meetings held by the Kirtland AFB to show support of the remediation efforts at the Bulk Fuels Facility fuels release site. Mr. Berardinelli especially welcomed Albuquerque's City Councilor Mr. Rey Garduno and Constituent Liaison for Congressman Martin Heinrich's office, Mr. Antonio Sandoval.

4. Mr. Berardinelli briefed the attendees that the Military Munitions Response Program (MMRP) Comprehensive Site Evaluation (CSE) Phase II Report has been received and will be discussed at the upcoming public meeting. The report will be released for public comment within the next month. Additionally, the Kirtland AFB Public Affairs (PA) is working diligently with the local news media to share all restoration activities with the public.

5. Mr. Berardinelli, Kirtland AFB presented a detailed update on the Bulk Fuels Facility ongoing remediation effort, including a discussion of the timeline for contract implementation. Sampling of the Kirtland AFB drinking water wells and the Veterans Administration (VA) Hospital is ongoing. To date, wells at both locations continue to show no impacts to water quality. Kirtland AFB and the Albuquerque Bernalillo County City Water Utility Authority (ABCWUA) are cooperating to conduct additional sampling of the nearest ABCWUA drinking water wells to verify no impacts to those wells. The four SVE remediation systems on base will continue to operate 24 hours a day, 7 days a week to remove petroleum product daily as plans are underway to connect additional extraction points to the existing SVE systems. The presentation summarized the Performance Base Contract Award and addressed each of the work plans submitted to the New Mexico Environment Department (NMED) based on the requirements in the April and August 2010 correspondence. Field work is scheduled to commence one day after the NMED's approval of the work plans.

6. Mr. Berardinelli indicated that the fuel plume, dissolved phase and vadose zone will be fully characterized at the end state of the contract in September 2014. An aggressive Interim

Measures will be in place to remove fuel from the groundwater and determine an optimal final remedy will be presented to the public and the NMED. A public comment period and a public meeting will follow. It is the Air Force's goal and priority to remove the fuel out of the groundwater and soil as quickly as possible.

7. Mr. Berardinelli introduced Colonel Robert Abernathy, 58th Special Operations Wing (SOW), who conducted the presentation on mission requirements, flying capabilities and flight training to include the C-130 aircraft replacement effort and noise considerations. The 58 SOW serves as the premier training site for Air Force special operations and combat search and rescue aircrews. The wing provides undergraduate, graduate and refresher aircrew training for special operations, rescue, missile site support and distinguished visitor airlift helicopter, fixed-wing, and tilt-rotor operations. The 58 SOW employs more than 1,800 personnel and trains over 2,000 students a year. The wing operates eight different weapon systems: UH-1H, UH-1N, HH-60G, MH-53J, HC-130P/N, MC-130P, MC-130H, and CV-22 totaling more than 60 assigned aircraft. The wing teaches more than 100 courses in 18 different crew positions including pilot, navigator, electronic warfare officer, flight engineer, communications system operator, loadmaster and aerial gunner. Additionally, the wing responds to worldwide contingencies and provides search and rescue support to the local community.

8. Col. Abernathy added that the comment period on the draft environmental assessment (EA) concluded on November 10, 2010. All comments received will be evaluated/addressed in final EA. The draft EA was based on a potential 13 aircraft; however, the final program may likely fund less than nine aircrafts. Noise contours that were used in the EA were the most recent contours provided by City of Albuquerque Aviation Department under FAA Part 129. The city is expected to publish updated contours on or about January 3, 2011. The noise section of EA will be updated with new contours and another 30-day comment period will follow. Col. Abernathy stressed that the Airmen must train the way they fight; training tasks and conditions must be as realistic as the conditions Airmen will experience in combat. Night flying has been an essential part of their rigorous training for decades with little or no variation. Additionally, he added that the 58th SOW is in strict adherence to FAA. It is mandatory for rules to be adhered to for the training applicable to the City of Albuquerque Code and City of Albuquerque Aviation Dept / 58 SOW Letter of Agreement, and the 58th Operations Group Instruction manual. 58th SOW is in compliance with the guidance and will continue to look for ways to improve the way they do business.

9. Numerous questions were posed to the presenters and included:

- a. Why can't you just pump the fuel out at the source area? Why is the SVE unit at bullhead park not running? Skimmer pump has limited capabilities in the removal of the fuel product. An SVE captures a larger volume of the fuel estimated at about 300 gallons per day.
- b. Could a pump and treat method be used at the main body of the plume? This method would require a larger well bore. Currently, the well bores used at all of the well locations consist of four inch well bores. The pump and treat method may still be an option as the feasibility study is being conducted. All alternative methods are being considered at this time.
- c. Has Shaw Environmental performed other remediation work in other places, if so, how, where and what? Currently, Shaw Environmental is working under Performance Based Contracts at over 20 DoD facilities nationwide, to include numerous sites performing

groundwater remediation with fuel plumes. Mr. Tom Cooper will provide a fact sheet identifying Shaw's experience to the concerned citizen.

- d. As these reports are generated and data is collected, will they be available to the public? Absolutely. All the meeting materials are posted to the Kirtland AFB website in the Environmental Issues Section. Reports and correspondences can be accessed by clicking the 'Public Records' icon or by visiting the CNM-Montoya Campus library.
- e. If there are any questions regarding the data or information, is there a contact person? Yes. Contact sheets are available at the sign-in table that includes the Kirtland AFB website address and the point of contacts information.
- f. You said you are going after a permit; what type of permit? A RCRA permit? Yes, this is a RCRA action fully under control by the NMED.
- g. Based on the December 1 timeline, have you taken into consideration the change of government in Santa Fe right? No. Kirtland AFB will continue to proceed with the requirements outlined in the April and August 2010 letters.
- h. At the proposed location of the LNAPL, how close to the wells at risk? And what is the depth of the well screens that may be at risk in comparison to the level of contamination, including the dissolved phase? The idea of the extraction wells in the area is to get very close to the contaminated source of the dissolved phase. The fuel is floating on top of the water table. The intent of these extraction wells will be approximately from the water table to 100 feet below the water table. Part of the investigation is to install three groundwater monitoring wells to get a 3-dimensional nature of the dissolved phase.
- i. I was referring specifically to the location of the municipal wells that may be at risk in relation to the proposed location of the LNAPL? The downgradient well at the Ridgecrest location is approximately 5,700 feet to the dissolved phase fuel in the northeastern direction and 7,600 feet to the LNAPL. Sampling results of all the drinking water wells are clean.
- j. I understand that this leak is from 1999, how much fuel was lost? Is there a guarantee that this will not occur again? The leak was discovered in 1999. To date, approximately two million gallons of fuel. As the soil is being characterized in this investigation, we will know how much fuel is trapped in the soil from the source of the leak to the groundwater. The facility was removed in 1999 and with the new facility in place, it will be highly unlikely for this to occur ever again. The fuel lines are above ground and designed in a manner that if they there was to be a leak, it would stay at the surface and captured in troughs.
- k. What is the approximate quantity of the fuel sitting on top of the water table that you plan to extract with your pumping systems? The intent of installing additional extraction wells is to prevent additional migration of both the fuel plume and the dissolved phase. Its primary function to provide the containment.
- l. Is drilling horizontally a possibility? It certainly has been discussed and there is limited information on how effective that would be at this point.
- m. About how many years will it take to clean this all up? Unknown. Based on the remedial effort ongoing and this study, we know at some point after further investigation
- n. What do you currently know about the dissolved phase? Base on the monitoring wells we have right now, we have identified the extent at this location. The well closest to it is clean.
- o. What is the contaminant found in the dissolved phase? Ethylene dibromide (EDB). Small trace amounts of EDB was found but meets the maximum contaminant level goals (MCLG) with Safe Drinking Water Act and does not pose a threat to the human health.

- p. Per my conversation with the NMED, this type or approach of containment has not been done before. Is that true? Untrue. Groundwater pumping systems to contain fuel plumes are being done for many years. It is found to be one of the mature technologies for addressing groundwater contamination.
- q. Does the Air Force have any plans to formally apologize to the citizens of the New Mexico for the fuel spill? The Air Force takes full responsibility for the fuel spill. It is the Air Force's goal and responsibility to get the fuel out as quickly as possible.
- r. What does the 50 million cover in this project? The 50 million pays for the project up to 2014, to include additional work plans that involve both study and continuing of remediation. The final remedy once approved after this investigation will be awarded at a different time. The groundwater flow direction is in a northeasterly direction.
- s. What is the natural flow of the groundwater? The groundwater flow direction is in a northeasterly direction.
- t. How deep are the municipal wells? In the event that fuel would migrate to the municipal wells, is it likely that we will never know that there is fuel floating there? No answer. The Albuquerque City Water Utility Authority did not know the measurements.
- u. How much fuel is required to run a C-130 for nine hours? I was told that the C-130s are in operation from 10:00pm to 7:00am. How much does it cost to fuel the C-130? There is not a requirement to fly between those hours at this time during the winter months.
- v. What is taken into consideration for these noise contours? The number of aircrafts, routes and how they file and utilized in the computer model that the FAA uses in developing noise contours. The noise contours are generated by a module.
- w. Can you give us a number to call to make a noise complaint? Yes. The number is available on the contact sheets at the sign-in table.
- x. In the city's ordinance,
- y. Why is it so loud? There is no change in the operation. All flights are in strict adherence of the City's ordinance.

9. Action Items:

- a. Mr. Tom Cooper will provide a fact sheet identifying Shaw's experience to the concerned citizen.

10. Next Meeting: The next CAB meeting is scheduled for Tuesday, February 15, 2010 at 6:00 p.m. at the Cesar Chavez Community Center in the Multi-purpose room.

11. Citizens may review Air Force Environmental Restoration Program documents at the Kirtland AFB Information Repository at the Central New Mexico Community College-Montoya Campus Library, 4700 Morris NE or by visiting the Kirtland AFB website at <http://www.kirtland.af.mil> in the Environmental Issues section for Public Records.

12. The meeting was adjourned at approximately 8:18 p.m

LUDIE W. BITNER, YF-02
Chief, Restoration Section

Approved as written.

DONALD M. CONLEY, Colonel, USAF
Commander, 377 Mission Support Group

cc:
377 ABW/CC
377 ABW/CD
377 MSG/CE
377 AMDS/CC w/ Atch
AR/IR w/Atch
Information Repository, CNM, Montoya, w/ Atch
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