MEMORANDUM FOR SEE DISTRIBUTION

FROM: 88 ABW/CEV
   5490 Pearson Rd.
   Wright-Patterson AFB OH 45433-5332

SUBJECT:  February 2005 Environmental Advisory Board (EAB) Meeting Minutes

1. Location:  Fairborn Library

2. Date/Time:  16 February 2005, 6:00 pm

3. Co-Chairman:  Mr. Ronald Lester, 88 ABW/CEV
   Mr. Richard Little, Beavercreek Twp. Trustee

4. Members Present:

   ORGANIZATION          PHONE
   Beavercreek Env. Adv. Com.  512-3242
   Ohio EPA/OFFO           285-6469
   Green Env Coalition     767-1036
   Greenway Com. Land Trust 878-6060
   88 ABW/CEV              257-6596
   Beavercreek Township    426-2917
   City of Dayton          333-3727
   City of Fairborn        754-3097
   88 ABW/CV               257-6116

5. Members Absent:
   City of Huber Heights
   League of Women Voters  865-4164
   US Env. Protection Agency
   Dayton Env. Advisory Bd 775-3455
   Sierra Club              698-5015

6. Other Attendees:
   88 ABW/CEVY              257-8102
   88 ABW/CEVS              257-7516
7. Administrative:

Mr. Lester welcomed everyone to the meeting. It was decided that the EAB Charter be included with tonight’s meeting minutes for member review. Everyone in attendance introduced themselves. Mr. Bob Jurick was officially invited to become an official member of the EAB. The motion was voted on and passed. The agenda was then reviewed and the first topic was presented.

8. New Business:

a. Environmental Management System (EMS). Mr. Tim Clendenin presented an overview of the EMS, which is a system to achieve continual improvement in mission performance by reducing environmental risks and costs. The EMS is capabilities driven, not compliance driven and will enhance installation sustainability. Each process on base to some degree effects the environment to include air emissions, water quality and solid waste generation. The EMS will assess each process and determine the most cost effective way to minimize the effect of the process on the environment. The current AF policies will be modified to include environmental management principals. The Executive Order 13148, *Greening the Government Through Leadership in Environmental Management*, requires all Federal agencies to implement EMS by 31 December 2005. A draft implementation plan will be reviewed by the Environmental Protection Committee. Success of the EMS will depend on senior leadership, top management support, employee buy-in, and a Cross Functional Team consisting of process managers. Awareness training for EMS will be initiated soon through the Web or CD ROM for those without internet access and senior leading training will be conducted at one the future EPC meetings. The framework for the AF EMS is ISO 140001. The USEPA has information on the EMS on their website.

Mr. Lester spoke about the Compliance Site Inventory (CSI). There are a total of 1500 compliance sites, of which two-thirds are air emission sources. Environmental aspects not included in the CSI, but that should be considered are energy use and water consumption on the base.

b. EA/EBS Quarterly Activity. Mr. Ron Lester presented an update to the Environmental Assessments (EAs) currently being conducted.

- General Management Plan (GMP) – A revised Draft Environmental Impact Statement (EIS) was received from the National Park Service in February 2005.
- Renovate Dog Kennels – Due to the fact that the dog kennels are located in a flood plain, an Environmental Assessment (EA) was conducted. The draft EA was revised and is being sent to AFMC Headquarters for signature.
- C-5 Conversion Control of Deicing Fluid – The contract was awarded on 14 January 2005 for an EA to determine a process for the control of increased amounts of deicing fluid that will be generated for the larger C-5s as as opposed to the prior C-141s.
- Information Technology Center – The EA was completed with a FONSI (Finding of No Significant Impact) being signed on 2 December 2004.
- Alter NAIC Complex – The EA was completed with a FONSI which was signed on 1 December 2004.
- Hanger for Wright B Flyer – The completion of the EA has been delayed by an addition off an alternative building site.

c. ECAMP Quarterly Update. Mr. Lester presented the status of 2004 Internal ECAMP findings. Since the last EPC, 4 more findings were closed. Which brings the number of closed findings to 72. The findings remaining open are 13 Major, 4 Minor, and 3 Management Practices. The open findings are expected to be closed in a year’s time. Mr. Little made the observation that with the higher numbers of findings, the base is more critical on itself than inspectors would be coming from other bases to Wright-Patterson.

The next internal ECAMP will be held on 25-29 April 2005. This ECAMP will change into an ESOHCAMP, which adds Occupational Health and Safety assessments. This will mean many more protocols will be added to the current list. At the next EAB meeting, the upcoming ESOHCAMP preliminary findings will be presented.

d. Childcare Development Center Water Update. Mr. Lester updated the committee on the follow-up investigation activities being conducted to discover and eliminate the source of high levels of copper and lead found in the drinking water at the child development centers (CDCs) on base. Water pipes at the centers have been flushed and several of the outside water sources have been completely removed. The Environmental Management office hired a contractor last October to continue the on-going investigation. After receiving analyses from the sampling of water sources at the CDCs, the following actions were taken.

The Page Manor CDC had elevated levels of lead in one sink and 3 outdoor water spigots. The sink faucet was replaced and the water resampled. The results received were negative for lead. There has been an issue with the National Sanitation Foundation with outdoor water spigots being utilized for a drinking water source. The Base has assured the Foundation that the CDC’s do not typically use outdoor spigots for a drinking water source. A determination has been made that the increased amounts of lead used in outdoor spigots to frost proof them may contribute to the high levels of lead detected in the water from the outdoor spigots.
The New Horizons CDC has elevated levels of lead at 2 sinks inside and the outdoor spigot. A kitchen faucet has been replaced and there are plans to replace a second faucet. After replacing the faucet, the water was resampled. The results of the analysis were negative for lead.

The Kitty Hawk CDC has had larger levels of lead detected than the other CDCs. It has been discovered that slightly acidic water draws lead out of solder inside a pipe. The first action taken to avoid this effect is the water softener hardness level has been raised to adjust the pH in the water. The piping will later be renovated to use pipes containing less solder. The investigation is still on-going at the CDC.

The CDC located in Area B, which is a newly built facility, has had high levels detected of lead and copper. The investigation has revealed that there are a number of possible contributors elevating lead levels. The brass fittings could be leaching lead and the electrical grounding of the pipes can cause negligible water. The hardness of the water softener was checked and found to be operating at an acceptable level. Adding a CO2 additive to the air strippers is being considered to increase the hardness of the water to reduce the acidity. The addition of the CO2 will be further investigated. Brass fittings and faucets are being replaced at the sinks. A point-of-entry corrosion control device has been installed. A determination will be made by CE/CDC regarding the 3 outdoor spigots and the frost proofing theory.

e. CATM Demolition Update. Mr. Lester updated the members on the status of the demolition of the old CATM. The new indoor state-of-the-art firing range has been completed and the old CATM located by the Huffman Prairie must be demolished and the site restored to its original pristine condition. Field work began in November 2004 with sampling of surface soil searching for lead. Split sampling was conducted in December with the Ohio EPA. Soil sampling will be conducted using risk-based screening to be compared to residential soil criteria of 400mg/kg Preliminary Remediation Goals (PRGs). The preliminary data was sent to Ohio EPA and U.S. EPA on 24 January 2005. The outdoor range lead levels were below PRGs. However, around the perimeter of Buildings 886 and 887 there were several locations where the levels were above PRGs. In those locations, the contaminated soil will be removed. There is a concern with unexploded ordnances. Geophysical work will be conducted in March to search for buried ordnances. The work plan for the demolition is undergoing internal review and is scheduled to begin the end of March 2005.

f. Five Year Record of Decision (ROD) Review. Mr. Lester explained that a ROD is the document that finalizes the action taken to clean-up a hazardous waste site and the plans for monitoring these sites. The RODs are reviewed every five years to review the monitoring criteria and whether there is a need to change the monitoring method or sampling intervals. It is anticipated in the future to change the necessity of monitoring particular sites. The documents are anticipated to be ready for review in March. All the members will be notified when the documents are available for review.
9. **Open Discussion.** Mr. Bob Jurick thanked the environmental group for their assistance in making the Mad River a scenic river and thanks to the base for their participation in the Hebble Creek Water Shed Project.

Mr. Lester gave a brief update on the Outfall 3 situation. Environmental Management is working with AFRL to resume testing activity. A pretreatment system is being designed; however, it will be necessary to run tests in developing the new system.

Mr. Lester stated that a new representative for the EAB needs to be appointed from MRPC. The next time the EAB meets, Environmental Management will have merged with Civil Engineering and our new office symbol will be 88 ABW/CEV. Mr. Little inquired if there will be Civil Engineering personnel attending the EAB. Mr. Lester responded that it is possible that there may be interest in attending the EAB from CE personnel.

Mr. Little thanked everyone for attending the meeting and adjourned at 7:20. The next meeting is scheduled for 18 May 2005 at 6:00 p.m. in the Fairborn Library.

Approved as Written

-- Signed --

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RONALD J. LESTER, Co-Chair

-- Signed --

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PHYLLIS J. KENNEDY, Recorder
Wright-Patterson Air Force Base

Environmental Advisory Board (EAB) Charter

The Wright-Patterson Air Force Base Environmental Advisory Board (EAB) is an organization entered into by Wright-Patterson Air Force Base and the citizens of Greene County and surrounding communities. The Wright-Patterson Advisory Board will fulfill all requirements of 10 USC Section 2705(c) for Technical Review Committees at U.S. Department of Defense installations.

I. Purpose and Function of the EAB

a. The purpose of the EAB is to promote community awareness and to obtain constructive community review and comment on environmental actions in association with Wright-Patterson Air Force Base. The EAB will facilitate communication and disseminate information concerning the environmental programs of WPAFB. The EAB serves in an advisory capacity to Wright-Patterson Air Force Base, the U.S. Environmental Protection Agency (Region 5); and the Ohio Environmental Protection Agency.

b. The Air Force has developed a Community Relations Plan which outlines the community involvement program. The EAB supplements the community involvement program. A copy of the plan is available at the information repository for recent documents and news releases at the Greene County Library in the City of Fairborn and held for a maximum of 60 days. A permanent record of all documents is available as an administrative record and is located on the fourth floor (archive files) of the Wright State University library.

II. Basis and Authority for Charter

The basis and authority for this charter are contained in the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) of 1980, as amended by the Superfund Amendment and Reauthorization Act (SARA) of 1986, particularly Sections 120(a), 120(f), and 121(f), and 10 USC 2705, enacted by Section 211 of SARA.

III. Membership

a. The EAB is comprised of a balanced spectrum of citizens from the local community and representatives from the Department of Defense, the Ohio EPA and Region 5 U.S. EPA. EAB members must reside in Greene and Montgomery Counties, or currently work or live on Wright-Patterson Air Force Base.
b. Members shall serve without compensation. All expenses incident to travel and review inputs shall be borne by the respective members or their organizations.

c. Members are expected to attend all EAB meetings or send an alternate. If a member fails to attend or send an alternate to two consecutive meetings, the EAB co-chairs may ask the member to resign. Members unable to continue to fully participate shall submit their resignation in writing to either of the EAB co-chairs. Resigning members may nominate new members from their represented organization or constituency to replace them for a full two-year term.

d. Members should be willing to communicate with local community members and groups interested in specific base environmental issues. Members will serve as a direct and reliable conduit for information flow to and from the community. To improve communication between the public and EAB, member's names, addresses and telephone numbers may be made available to the public and listed in meeting minutes.

e. EAB members will serve two-year terms. After two years, members may continue to serve additional two-year terms, if nominated and appointed, until EAB termination (as long as they continue to meet criteria stated in Section III of this charter). Additional membership nominations can be made at any time; however, priority will be given to those nominations that clearly enhance the diverse nature of the membership. Nominations are approved by a majority vote of the EAB members present at the meeting when the nomination is made.

IV. EAB Structure

a. The EAB shall be co-chaired by the Director of Environmental Management for Wright-Patterson Air Force Base and a community member. The responsibility for presiding over each meeting will be alternated between the co-chairs.

b. The community co-chair will be selected by a majority vote of the EAB community members. The EAB community co-chair will serve a 2-year term. A co-chair may serve more than one term, if approved by the EAB members by a majority vote.

c. The EAB membership is responsible for terminating the community co-chair if that person is found to be ineffective or detrimental to the EAB progress. Community co-chair removal is determined by majority vote of the EAB community members present at the meeting following the one at which the removal is proposed.

d. The EAB shall meet quarterly as a minimum, preferably at an off-base location. However, more frequent meetings may be held if deemed necessary by the EAB.

e. Meeting agenda items will be compiled by the co-chairs. Suggested topics will be given to the co-chairs not later than two (2) weeks prior to the meeting. Office of Environmental Management personnel shall be responsible for providing written notification to all EAB
members of the upcoming agenda, date, time, and place of the scheduled EAB meetings. All EAB meetings will be open to the general public and to the news media.

f. Meeting minutes will be recorded and disseminated by WPAFB Office of Environmental Management. Meeting minutes will include a list of all attendees at each meeting. Action items will be included in the minutes for the EAB at which they are assigned. Progress on each action item will be briefed at each EAB meeting. Until an action item is closed, the written response/progress will be included in meeting minutes. A copy of the EAB meeting minutes will be sent to all EAB members and will be available for public review in the information repository established at the Greene County Library in the city of Fairborn, and in the Administrative record.

g. EAB members will regularly review, discuss and provide comments on a wide variety of environmental documents and issues. Board members should submit written comments to the community co-chair on the subject documents within the time frame specified (30-60 days). The community co-chair will consolidate comments from the members and provide them to the EAB for consideration.

h. Comments received from members will be incorporated into the EAB meeting minutes, and members' comments reviewed by the EAB meeting minutes will become part of the Administrative Record.

V. Effective Date and Amendments

a. The effective date of this charter shall be the date that the last signatory signed this charter.

b. This charter may be amended by a majority vote of the members present at the meeting following the one in which the amendment was proposed. Amendments must be consistent with Wright-Patterson Air Force Base agreements, with state and federal regulatory agencies, and the statutes stated in Section II of the charter (Basis and Authority for Charter).

VI. Termination

This charter will be terminated upon completion of requirements as stated in applicable state and federal agreements. However, it may be terminated earlier upon a two-thirds majority vote of the EAB membership or, in extraordinary circumstances, by direction of the Wright-Patterson Air Force Base Commander.
VII. **Signatories to the EAB Charter**

IN WITNESS WHEREOF, we have set our hand this______ day of ______, 2005.

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Ronald J. Lester, Director, Office of Environmental Management

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Rich Little, EAB Community Co-Chair