

**ENVIRONMENTAL ISSUES ADVISORY COMMITTEE
REGULAR MEETING NOTICE
Thursday May 24, 1012 at 1:00 P.M.**

**EIAC REGULAR MEETING
2735 S. HWY 69**

**COUNCIL CHAMBERS, TOWN HALL
DEWEY-HUMBOLDT, ARIZONA**

AGENDA

The issues that come before the EIAC Committee are often challenging and potentially divisive. In order to make sure we benefit from the diverse views to be presented, the Committee believes that the meeting be a safe place for people to speak. With this in mind, the Committee asks that everyone refrain from clapping, heckling and any other expressions of approval or disapproval. Agenda items may be taken out of order. Please turn off all cell phones. The Committee meeting may be broadcast via live streaming video on the internet in both audio and visual formats. **NOTICE TO PARENTS:** Parents and legal guardians have the right to consent before the Town of Dewey-Humboldt makes a video or voice recording of a minor child. A.R.S. § 1-602.A.9. Dewey-Humboldt Meetings are recorded and may be viewed on the Dewey-Humboldt website. If you permit your child to participate in the meeting, a recording may be made. You may exercise your right not to consent by not permitting your child to participate or by submitting your request to the Town Clerk that your child not be recorded.

1. CALL TO ORDER.

2. ROLL CALL: EIAC Committee Members Bob Bowman, Floyd Wright, Doris Cellarius, Linda Jacobs, and Chair Treesha deFrance.

3. CONSENT AGENDA - All matters listed under the Consent Agenda are considered to be routine by the Town Committee and will be enacted by one motion. At a Committee Member's request only, any item may be removed from the Consent Agenda for separate consideration. If a citizen desires separate consideration of an item, they must approach a Committee Member prior to the meeting and ask that the Committee Member request that the item be removed.

3.1. Minutes. Minutes from January 25, 2012 Special Meeting.

4. REGULAR AGENDA – Unfinished Business - Discussion and Possible Action on any issue which was not concluded, was postponed, or was tabled during a prior meeting.

4.1. Updates and Issues regarding the Iron King Mine-Humboldt Smelter Superfund site.

5. REGULAR AGENDA – New Business - Discussion and Possible Action on matters not previously presented to the Committee.

5.1. Introduction of new member Linda Jacobs, learning about her interests and concerns.

**5.2. Report by Doris Cellarius on EPA Webinar featuring D-H Grassroots Project
“Understanding Arsenic: From Vasculature to Vegetables, May 16, 2012.”**

5.3. Setting next EIAC meeting date and time.

6. COMMENTS FROM THE PUBLIC. Those wishing to address the Committee need not request permission in advance. For the official record, individuals will state their name. Any such remarks shall be addressed to the Committee as a whole and not to any member thereof. Individuals are limited to speak for three (3) minutes per person unless additional time is granted by the Chair. At the conclusion of all of the unscheduled comments of all interested members of the public and at the discretion of the Chair, individual members of the Committee may respond to criticism regarding the item addressed,

may ask the matter be reviewed by Town Staff, or may ask that the matter be placed on a future agenda. The total time for Comments from the Public shall be 30 minutes per meeting.

7. ADJOURN.

FOR YOUR INFORMATION:

Next Regular EIAC Committee Meeting: to be determined during item 5.1

If you would like to receive Town Council agendas via email, please sign up at AgendaList@dhaz.gov and type Subscribe in the subject line, or call 928-632-7362 and speak with Judy Morgan, Town Clerk.

Certification of Posting

The undersigned hereby certifies that a copy of the attached notice was duly posted at the following locations: Dewey-Humboldt Town Hall, 2735 South Highway 69, Humboldt, Arizona, Chevron Station, 2735 South Highway 69, Humboldt, Arizona, Blue Ridge Market, Highway 69 and Kachina Drive, Dewey, Arizona, on the ____ day of _____, 2012, at ____ a.m./p.m. in accordance with the statement filed by the Town of Dewey-Humboldt with the Town Clerk, Town of Dewey-Humboldt.

By: _____, Town Clerk's Office.

**TOWN OF DEWEY-HUMBOLDT
EIAC COMMITTEE MEETING
MEETING MINUTES
JANUARY 25, 2012, 2:00 P.M.**

A REGULAR MEETING OF THE DEWEY-HUMBOLDT ENVIRONMENTAL ISSUES ADVISORY COMMITTEE MEETING WAS HELD ON WEDNESDAY, JANUARY 25, 2012, AT TOWN HALL, 2735 S. HIGHWAY 69, DEWEY-HUMBOLDT, ARIZONA. COMMITTEE MEMBER BOWMAN PRESIDED.

1. **CALL TO ORDER.** The meeting was called to order at 2:01 pm.
2. **OATH OF OFFICE.** Town Clerk Judy Morgan conducted the swearing in of new member Bill Winkert.
3. **ROLL CALL:** EIAC Committee Members Bob Bowman, Floyd Wright, Doris Cellarius, Bill Winkert, and Chair Treesha deFrance were present. Guests Monica O'Sullivan with EPA and Dr. Sophia Serda with EPA (by phone) were in attendance.
4. **CONSENT AGENDA -**
 - 4.1. **Minutes. Minutes from November 11, 2011 Special Meeting.** Floyd Wright made a motion to approve 4.1 Minutes from the November 11, 2011 Special Meeting, Treesha deFrance seconded the motion and the minutes were approved unanimously.
5. **REGULAR AGENDA – Unfinished Business -** Discussion and Possible Action on any issue which was not concluded, was postponed, or was tabled during a prior meeting.
 - 5.1. **Monika O'Sullivan - Updates and Issues regarding the Iron King Mine-Humboldt Smelter Superfund site.**
 - 5.2. **Monika O'Sullivan EPA, and Dr. Sophia Serda EPA (via phone) were present.** Ms. O'Sullivan reported that the removal was completed, 12 homes yards were cleaned up, the small tailings pile was moved atop the large tailings pile, as was the yard soils, both of which provide some suppression for the more contaminated tailings. Hydroseed was also applied for dust suppression. Gorilla Snot was reapplied to the smelter ash, and also to the area on the large tailings pile where the excavated soils and small tailings pile were deposited. There is background sampling going on this week, as well as stability testing on the large tailings pile. She said EPA is continuing to collect data and planning another community meeting in the spring. Background calculations will not be completed by that spring meeting as the data will not have been analyzed nor validated by EPA quality assurance by that time. When the background finding is announced, EPA will take input on their finding. At that meeting, EPA hopes to address health concerns such as were raised at the August 2011 EPA community meeting by having ATSDR (Agency for Toxic Substances Disease Registry) present as well as ADHS (Arizona Department of Health Services) who do address public health issues. The black liquid found during the work on the large tailings pile is tailings, and was sent out for testing and the results will be in the Removal Program's final report on the removal to be released in the next few months. Floyd Wright said he observed the work and the crew was very diligent. Ms. O'Sullivan concurred as EPA thought their work, which is their specialty (residential soil remediation), went very well. The locations that are currently being sampled for background information are: as far north as 169, south of the smelter, west of highway 69 to the foothills, and east of highway 69 to the hills. EPA is taking rock samples, soil samples, and sampling waterway drainage areas in between the main tailings pile and the smelter source areas. Ms. O'Sullivan says the source areas and between them are

“well characterized”. The background sampling is occurring in yards that appear “undisturbed, not manicured”. Dr. Serda wanted to ask about the community concerns regarding EPA’s Risk Assessment process, to make sure concerns are addressed at the spring meeting. She said there is a lot of interesting exposure analysis going on in our community. (Dr. Klimecki hopes to begin his biomonitoring research in March). EPA knows a lot about chemicals and their toxicity. The EPA does communicate with the University of Arizona researchers who will take their risk assessment work to the next level by conducting exposure assessments. While EPA and U of A do not coordinate with each other, nor do they endorse each others work, they do keep each other informed. David Cooper EPA will be at the Community Coalition of Dewey-Humboldt’s first community meeting this Friday to represent EPA. Members expressed interest in having the meeting recorded because some cannot attend and would like me to ask David Cooper EPA and Judy Morgan, Town Clerk about possibilities. Bill is interested in finding out if there are any health effects being noticed or reported at the elementary school, hospital and perhaps vets who see sick animals. Floyd is also interested in this topic, so they may do some research on it.

6. REGULAR AGENDA – New Business - Discussion and Possible Action on matters not previously presented to the Committee.

6.1. Introduction of Bill Winkert and hearing about his interests and concerns. Bill shared his background with us, in the military and other work that focused on meteorology, which he has studied and taught during his long career. He also has worked as an emergency manager for EPA. He is very interested in the meteorology of the superfund site and the blowing tailings.

6.2. Report by Doris Cellarius on EPA Webinar Superfund Webinar. Doris has attended two EPA Webinars that presented information about the Iron King Mine Humboldt Smelter Superfund Site. The Jan. 24, 2012 Webinar features Dr. Eric Betterton’s work on the large tailings pile and Dr. Raina Maier’s work on Phytostabilization. Dr. Betterton is researching the 3 types of particles on the tailings pile, the large, medium and very fine. The large do not blow away, but do roll and kick up the fine tailings, and further reduce the tailings. The researchers use masks to protect themselves from the high levels of arsenic and lead in the tailings, which are hundreds of times higher than background. The particles become diluted as they travel airborne and so the air off the tailings pile is not as concentrated and less a risk. Dr. Betterton’s work involves studying the air movement and may lead to being able to predict weather that might cause the tailings to become airborne, and allow the public to be warned in advance to take precautions. The chair will contact Dr. Betterton to see when this might become a reality. The research focuses on wind events, what is captured in the sampler, and what direction the wind blows. The submicron size particles can enter the blood stream. Arsenic and lead are mostly in the finest dust which seems to have the most available toxicity. Ms. O’Sullivan may write an article for the newsletter since spring is a very windy time of year, to remind the community to take precautions. The slide presentation for the Webinar can be found online. Dr. Maier reported that the plot of plantings on the large tailings pile is growing quite well, some types better than others. The planting, and the use of compost, makes the soil more alkaline, and that makes the tailings particles less erodible. This type study has never been done before. North American Industries, the property owner, is working well with the U of A researchers and supplying water. The source of this water is unknown.

6.3. Preparation of Questions and Concerns re: upcoming meeting for the Community Coalition of Dewey-Humboldt and the Technical Advisor, Wayne Fuller, Town Hall on January 27th, at 5:30 – the following questions and concerns arose from our discussion and from comments and will be submitted to CCODH in advance as per their invitation for us to do so:

1. Is the EPA moving as fast as it could to reduce the health risks to the community while the sampling continues? Are they doing enough to protect the health of the community in the short term? If not, what can the community do?
2. Do we have a cancer cluster or any other public health impact cluster here? How can this be determined?
3. Any thoughts about why the levels of arsenic in well water are so variable, with some being told not to drink it, and other wells are acceptable.
4. What do you think of the changes in background that went from the level of the 2006 Emergency Remediation Emergency Removal, which used about 30.75 ppm arsenic as their background/cleanup level, then at the April 27, 2010 community meeting arsenic background was 48 ppm/13/12, and most recently Jan 4, 2011 – D-H Town Council meeting, background for arsenic is up 66ppm.
5. How far away do you think a background sampling needs to be to considered a reliable source for background?
6. What do you think of EPA's work so far, is the work in the Remedial Investigation technically sound and complete?
7. Are there things EPA should be looking for that they have not addressed?
8. Is EPA paying enough attention to the meteorology here?
9. Has EPA's water sampling uncovered any other problems with ground water in our community?
10. How would it be determined if a particular cancer in a community member is related to exposure to contaminants here.

6.4. Setting next EIAC meeting date and time. The next regular EIAC meeting will be Feb. 23, 2012 at 2 pm at Town Hall.

6. COMMENTS FROM THE PUBLIC. Town Manager Yvonne Kimball commented during the update that she spoke with Monika O'Sullivan about the possible health effects here from the site, and Ms. O'Sullivan reported that sampling at the school showed no problems with the air quality there; also that the ADHS is doing a study here. Nancy Wright commented that regarding cancer clusters, that a citizen reported to the Town Council that she is aware of 8 incidences of cancer in an area with a group of about 10 homes close to the smelter. She asked how it can be known if a cancer, such as her own or the mayors, is related to the site. We added this to the list of questions for the CCODH's Technical Assistant who can reply at the CCODH Community Meeting Friday Jan 27, 2012.

7. ADJOURN. The meeting was adjourned at 3:30 pm.

Treesha deFrance, Chair

ATTEST:

Judy Morgan, Town Clerk