



Department of Energy

Portsmouth/Paducah Project Office
1017 Majestic Drive, Suite 200
Lexington, Kentucky 40513
(859) 219-4000

FEB 20 2008

Mr. Allen Burnett, Chairman
Citizens Advisory Board
111 Memorial Drive
Paducah, Kentucky 42001

PPPO-02-112-08

Dear Mr. Burnett:

RESPONSE TO CITIZENS ADVISORY BOARD CONSENSUS RECOMMENDATION 07-06

Reference: Letter to R. Knerr from A. Burnett, "Paducah Gaseous Diffusion Plant (PGDP) Citizens Advisory Board (CAB) Approved Recommendation 07-06," dated September 24, 2007

The U.S. Department of Energy (DOE) is in receipt of the Citizens Advisory Board (CAB) Consensus Recommendation 07-06. The CAB recommended that DOE

1. Designate a web site address on signs in addition to a 24-hour telephone number for more information;
2. Proceed with placement of signs at all easily accessible points to the creek areas along Little Bayou Creek, portions of Bayou Creek, and the North-South Diversion Ditch (NSDD). The signs should be placed in highly visible areas so that repeat visitors will be aware of the risks; and
3. Conduct periodic maintenance of these signs to ensure visibility and readability.

DOE understands the importance of efficiently utilizing the signs to provide the public with a straightforward and easily accessible method for obtaining information. As such, DOE had planned to list a phone number on the signs for the public to call to obtain information. The telephone number for the signs, 270-441-5023, was to be manned eight hours per day, Monday thru Friday, with a voice message system to record calls during off-hours. Based on the CAB's recommendation, DOE has changed the telephone number to 270-441-6211, which is the phone number for the United States Enrichment Corporation (USEC) Plant Shift Superintendent (PSS). The PSS phone is manned 24 hours per day, seven days a week. A briefing sheet will be provided to the PSS to provide the caller with additional information and a website address. DOE will routinely update the briefing sheet and the website to ensure that up-to-date, accurate information is provided to the caller.

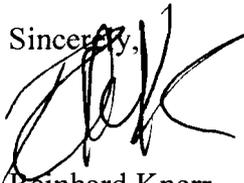
DOE plans to proceed with placement of signs at all easily accessible points to the creek areas along LBC, portions of BC, and the NSDD (Enclosure 1). Specifically, there will be a minimum of twelve (12) signs along portions of BC; one (1) at the intersection of BC and the low-water crossing, two (2) at Ogden Landing Road/Rossington Bridge (one at either

end of the bridge), one (1) at the BC weir near Monitoring Well 194, seven (7) that are spaced approximately 500 feet apart and begin at the weir location and continue south along the western stream bank and one (1) at the intersection of BC and Transport Road. At least nine (9) signs will be posted along LBC; one (1) on the west side of LBC in Tract 9 of the West Kentucky Wildlife Management Area, with an estimated six (6) signs spaced approximately 1000 feet from the Tract 9 sign and continuing south to within less than 500 feet of the first LBC seep, one (1) at the water supply pipelines crossing, and one (1) at the intersection of LBC and Anderson Road. An estimated eight (8) signs will be posted along Section 5 of the NSDD; one (1) at the intersection of the gravel road north of the C-746-U landfill with the NSDD, with an estimated three (3) signs spaced 500 feet apart to the confluence of NSDD & LBC, one (1) where Warren Smith's property ends on the west side of LBC and one (1) where it begins, one (1) at the intersection of LBC and McCaw Road, and one (1) at the confluence of Outfall 013 with LBC.

These locations are in highly visible areas to help ensure that repeat visitors will see the signs and be aware of the potential risks. Additionally, each sign is to be double-sided in order to improve its visibility and of sufficient size and height so as to be visible from a distance. Colors are to be utilized so that the signs will stand out from the surrounding vegetation.

DOE plans to install and maintain the signs and is in agreement with the CAB's recommendation that periodic maintenance of the signs be conducted to ensure visibility and readability. Additionally, DOE plans to revise site procedures to include routine surveillance and maintenance (S&M) of these signs. These S&M activities will include routine maintenance of sign locations, including mowing & weed removal to help maintain sign visibility.

DOE appreciates the support of the CAB as DOE works toward an Environmental Indicators determination of "YES" for human exposures controlled. If you have any questions or require additional information, please contact Rob Seifert at (270) 441-6823.

Sincerely,


Reinhard Knerr
Paducah Site Lead
Portsmouth/Paducah Project Office

Enclosure:

Location for signs to be posted on NSDD, LBC, and BC

cc w/enclosure:

DCC/Kevil

EIC/Kevil

e-copy w/enclosure:
ericpgdpcab@bellsouth.net
Edward.winner@ky.gov
Janet.miller@lex.doe.gov
tufts.jennifer@epamail.epa.gov
mitch.hicks@lex.doe.gov
russell.boyd@prs-llc.net
Williams.David@epamail.epa.gov

Locations for Signs (Double-Sided w/ DOE emblem) to be Placed Along Big Bayou Creek, Little Bayou Creek and Section 5 of the North South Diversion Ditch:

1. This location is at the intersection of Bayou Creek the Low Water Crossing. The sign should be placed just south of the creek and west of the access road and should face away from (and toward) the creek.
2. Two signs are to be located where the Rossington Bridge crosses Bayou Creek, one each end of the bridge. The signs should face north/south (toward and away from the road). The signs should be visible to those crossing the bridge by car.
3. This location is on the west side of Bayou Creek at the weir used for surface water sampling. Monitoring Well 194 is in close proximity. The location is near a tree that was flagged and marked with orange spray paint. Seven (7) signs should be placed using a 500 foot spacing beginning at this location and continuing to the south along the western stream bank. In addition, a single sign should be placed at the intersection of Bayou Creek and Transport Road. Signs located south of this intersection must be 500 feet distant from the last sign placed north of this location. All signs should face away from (and toward) the creek. The GPS coordinates (+/- 90 feet accuracy) for this location are as follows.

N 37° 07' 44.9"
W 088° 49' 34.1"

4. This location is on the west side of Little Bayou Creek (LBC) in Tract No. 9 of the Wildlife Management Area (WMA). Access to this location is by the gravel/dirt road that turns to the right (when heading north) off of the main WMA road. A large amount of concrete has been disposed of on the bank of the creek at this location and there is a corn field immediately to the south. The location is near a tree that was flagged and marked with orange spray paint. Beginning at this location and continuing to the south, signs must be spaced at 1000 foot intervals until the point that the addition of another sign would place this sign closer than 500 feet from the first of the LBC seeps (estimate of 6 signs required). All signs should face away from (and toward) the creek. The GPS coordinates (+/- 90 feet accuracy) for this location are as follows.

N 37° 09' 45.7"
W 088° 47' 51.4"

5. This location is on the southwest side of LBC downstream of the seeps. It is situated at an access point that allows someone to easily enter the creek. The two water supply pipelines for the PGDP are in close proximity. The location was flagged, but was not marked with orange spray paint. A single sign should be placed at this location. All signs located to the south of this location should be spaced at 500 foot intervals along the western creek bank. In addition to the other signs, a single sign should be placed at the intersection of LBC and Anderson Road (the ICM sign will suffice assuming it is to remain in place). Signs located south of this intersection must be 500 feet distant from the last sign placed north of this location. Signs should face away from (and toward) the creek. The GPS coordinates (+/- 90 feet accuracy) for this location are as follows.

N 37° 08' 58.7"
W 088° 47' 21.3"

6. This location is at the point where the gravel road located just to the north of the U Landfill crosses the North South Diversion Ditch (NSDD) beneath some large power lines. The location is near a piece of rock that was flagged and marked with orange spray paint. Appropriate signage should be placed along the western bank of the ditch beginning at this point and continuing to the north using 500 foot spacing until the confluence with LBC has been reached. A single sign utilizing the language selected for LBC should be placed at the confluence of the NSDD and LBC if there are no other signs located within 50 feet of this intersection. Signs located south of the confluence and along LBC must be 500 feet distant from the last sign placed north of this location. Signs should face away from (and toward) the NSDD. Any sign placed at the confluence of the ditch at LBC should face away from (and toward) the creek. The GPS coordinates (+/- 90 feet accuracy) for this location are as follows.

N 37° 07' 54.2"
W 088° 47' 33.0"

7. This sign is to be located at the point where Warren Smith's property ends on the west side of LBC and within the WMA. The location was a large wooden fence post that was flagged and marked with orange spray paint. The sign should face away from (and toward) the creek. The GPS coordinates (+/- 90 feet accuracy) for this location are as follows.

N 37° 07' 04.9"
W 088° 47' 07.4"

8. This sign is to be located at the point where Warren Smith's property begins on the west side of LBC and at Ogden Landing Road (north of the road). The location surveyed was a chain link fence post that was flagged and marked with orange spray paint. All signs located to the south of this position should be spaced at 500 foot intervals. However, a single sign should be placed at the intersection of LBC and McCaw Road (the ICM sign will suffice assuming it is to remain in place). The sign to be posted at the surveyed location should face toward Ogden Landing Road. The GPS coordinates (+/- 90 feet accuracy) for this location are as follows.

N 37° 06' 50.4"
W 088° 47' 11.5"

9. This location is at the confluence of the Outfall 013 ditch and LBC. The location is on the south side of the ditch near a tree that was flagged and marked with orange spray paint. A sign should be placed at this location only if there are no other signs located within 50 feet of this location. This sign should face away from (and toward) the creek. The GPS coordinates (+/- 90 feet accuracy) for this location are as follows.

N 37° 06' 09.3"
W 088° 48' 08.4"

EI SIGN LOCATIONS

