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PUBLIC MEETING MINUTES 9-3-1992 AT CROOKED CREEK ELEMENTARY SCHOOL
2/8/1992
ABB ENVIRONMENTAL



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Inter-Office Correspondence

TO: Attendees

FROM: Frank Cater 

DATE: 8 February 1993

SUBJECT: **NSB Kings Bay, Georgia**
Meeting Minutes
3 September 1992
Public Meeting - Crooked River Elementary School

Enclosed are the minutes from the meeting held at Crooked River Elementary School on 3 September 1992. ABB-ES apologizes for the delay in the distribution of these minutes. If there are any corrections or additions, please contact Frank Cater at (615) 531-1922.

cc Ed Lohr
John Garner
CTO 041 Files

MEETING MINUTES

CTO #041 - NSB KINGS BAY, GEORGIA

PUBLIC MEETING
SITE 11 INVESTIGATION & RESULTS
PHASE I
3 SEPTEMBER 1992

Note: These minutes are not an official transcript. They are recreated to show only pertinent conversations and resulting action items.

Mayor Brandon welcomes residents to meeting.

Capt. Ellis gave a brief introduction. Discuss problem of groundwater contamination from County Landfill. Discuss team concept and involvement.

Captain Scullion provided an introduction and presentation covering;

- IRP
- Legislation
- The issue of vinyl chloride
- The plan for further investigation
- The necessity of Community involvement.

Captain Scullion then gave a brief description of the site and the "trench and fill" method of landfill operations.

"What do we know"

- Contaminated Groundwater 30 - 120 $\mu\text{g}/\text{l}$ across spur 40
- Flow west/northwest
- Confining layer located at 100 feet below land surface
- MCL for drinking water is exceeded
- St. Mary's public wells are 2 miles south

Describe vinyl chloride

- colorless gas
- common to places under trees
- by product of solvents
- evaporates when exposed to air
- can cause cancer

Risk Descriptions

- the hazardous material identified is Vinyl Chloride
- the receptors are people and animals
- the pathway or contact is through inhalation or drinking
- The extent of the contamination is unknown
- the uses of the water in the subdivision is unknown

What we need to know?

- extent of the private irrigation wells
- types of private irrigation wells

Questions/Discussions

What other kinds of items might there be in the landfill?

Marland Dulany and Michael Keirn explained that we have looked at soils and water and found more than one chemical. In all 18 chemicals have been detected over the MCL, and 6 at or near MCL. During the full study of the RFI we have looked for over 200 chemicals.

What type procedure is needed for well testing?

Michael Keirn explained the for testing well points would be off the spigot.

Has groundwater testing been done prior to this?

No. The IAS report took the record data and found that there was no significant potential for release.

Are we going to get cancer?

Marland Dulaney stated that we do not even know that the residents are being exposed. A quick look at the risk assessment would indicate that we do not believe there is a risk. We do not have any information that the residents are at risk or are being exposed.

Marland advised that at this time we do not think the residents are at any risk with information we have now. If the water were put in a swimming pool, the vinyl chloride would break down.

How long will that take?

Michael Keirn stated that it depends on a lot of factors.

Are you going to come around and ask permission to test the wells?

It was advised that the procedure for testing is being worked out. If the residents have a well that is used for drinking water, it was requested that they register it with staff in the back of the room.

Has the lake been tested?

No.

The concern for the added expense of yard watering was raised. It was asked if the Mayor might consider working on possible economic relief for the residents of Crooked River Plantation.

Why is plume not at top or all the way down?

Michael Keirn described plumes and migration pathways.

Can it be identified who put trash in landfill?

Mayor Brandon stated it was basically an unregulated landfill operated by the county. It does not take much to contaminate the groundwater.

What are the different methods of cleaning and the steps necessary?

Michael Keirn explained that we still have to gather a lot of information. He explained that it might be possible to stop the migration with hydraulic controls.

Who is responsible for the clean up?

At this time DERA funds are financing the investigation. After the problem is identified, then funding of clean up will be pursued.

Why not just spend money to remove landfill? Why not just do it?

Captain Scullion responded with what would we do with the 500,000 cubic yards of dirt?

Any estimate of cost?

No estimates of this date.

Is the Lake going to be posted?

At this time it is understood that the lake is filled off a spring well pump.

A Real Estate Agent asked if they are regulated by law to inform people about possible contamination?

No answer recorded.

The Mayor was asked if property values will go down?

He replied that he doubted it would affect property values.

Is this problem in other parts of U.S.?

Yes, Vinyl Chloride has been detected in other landfills. This is not a love canal.

Will, because risk is so low, there be a decision to just leave it?

No since the water contamination levels is over the MCL.

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Why can't we just pump at midnight?

Marland advised that the gas would have a potential to sit on the ground.

Captain Scullion advised that we are "asking" the residents of Crooked River not to use there pumps.

Is it correct that it cannot be absorbed into plants?

This is correct.

How long will it take to give answer on water and sewer rate adjustments?

The Mayor responded that the City understands the residents money concerns, but was concerned with the perception of double standards for the residents here verses the other residents near other landfills.

Meeting Adjourned.