

17
1986: JCL: MMG: RF

(XF)

GWDA

TO: Doug Michels

FROM: J. C. Ledvina

DATE: October 30, 1986

Interoffice
Communication

SUBJ: GCWDA INCINERATOR

VISTA

Attached are my notes from the 10/23/86 meeting regarding GCWDA's proposed incinerator. Give me a call if you would like to discuss.


J. C. Ledvina

ajo/4

cc WLM, MGH, RTF

CWH 000000636

10/23/86

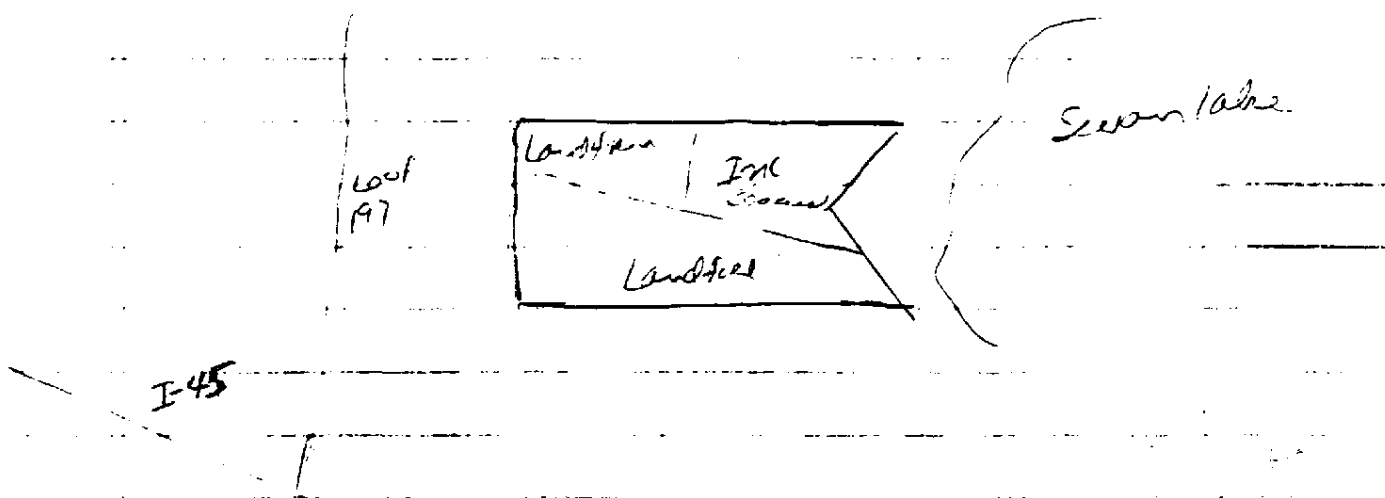
17

GCWDA Campbell Bayou Facility

500 Tons/yr.

STORAGE, drums &

1. 110 MW Btu/HR Incinerators + auxiliary process to incinerate
2. no other facilities
3. permitted by amendment of existing permit
4. HNJ waste + PCBs
5. will request access via I-45.



6. in 100yr Flood plain : will be diked ; continuous earthen dike around whole facility
7. How to spot roll offs at incinerator. roll offs may be needed as to sludge. no piles of waste.
8. Every load of liquid will be tested for compatibility. Sample of sludge will be mixed with Tenax material 5-10 min. 45 minutes to run test. No receiving tanks. all loads will ~~be~~ go into storage directly.

CWH 000000637

9. Tanks will be built in all concrete areas ^{portland cement different from concrete?} ~~with~~ concrete bases. Ringwall filled with concrete or monoliths?

10. IT did an internal audit of the design and made changes based on their experience nationwide.

11. Types of ~~the~~ feeds:

Sludge:

Filtrate -

Liquid -

SCC - Secondary Inlet Chamber

12. IT group who will operate the facility reviewed the design.

13. Goal is to have a public hearing in Jan. 1987

14. Tanks are fixed roof with vent collection and treatment. Treatment has not been determined but will probably be carbon adsorption. IT will talk to TACB about control devices.

15. Waste profile for 30,000 drums/yr. Could have up to 3,300 drums on the site at one time. (used drum storage area).

16. Vent from drum processing area will be collected and controlled, probably to incinerator. To be discussed with TACB.

17. Incinerator will be batch fed from tanks ^{blend.}

manure 2 rocking kilns

soil - 1 rotary kiln - IT Technology.

liquids 2 SCC's - liquids and off gases from kilns and rockers ^{kilns!}

2 gas cleaning trains - caustic scrubbers - APC

2 stacks with a pipe

18. Boxes will be dumped to a box - which will feed the kiln.

19. IT will look at the cost of drying the flumes so that it is not visible. APC selection is not political steering class. Budget is probably issues to redesign APC rather than retrofit it to reduce flume visibility.

20. In event SCC's are lost kiln vents to a flare, enclosed, not visible. Basically ground flare with 100' stack. Rocking kilns already have sparkburners which will kick on if SCC's are lost. Gas will vent of separate stack. In both (or either) case APC's will be bypassed.

21. Carry off SCC generated in tank with kiln ash, sludge and landfill.

22. IT will try to delist ash and slag.

23. Will be no stabilization on site.

24. GCC's will have capability to accept material for direct burn out of a trailer.

25. Burn processing station will include shredder for large pieces, not a drum ~~to~~ shredder.

26. Stormwater will be collected and stored for use.
Anticipate needing more water than storm can provide.

27. GCA is / have some people at the site, IT will have others.
In general GCA will handle all non-technical aspects of the facility e.g. warehousing, scheduling, grounds maintenance.

28. WASTE Profile:

Drums	7,100	Tons/yr. (30,000 drums)
Drums or bulk.	2,200	
Bulk liquid	13,700	
" Solids	11,300	
" Sludges	10,700	

29. 23,000 Tons/yr. Committed

30. Any waste that has fuel value could be used
as fuel in any of the five burners. Lock-up
with Natural Gas.

31. Receiving will ~~be~~ access only one shift a day,
5 days a week.

GULF COAST WASTE DISPOSAL AUTHORITY
CAMPBELL BAYOU INCINERATION FACILITY
PERMIT ADVISORY GROUP MEETING
OCTOBER 23, 1986

Representative

Company

Steve Davies	Houston Lighting & Power Co.
Joe Ledvina	Vista Chemical Company
Ed Mikowski	Union Carbide Corporation
Hank Ramm	Rohm & Haas Texas, Inc.
Mel Skaggs	Diamond Shamrock Corp.
John Stansbury	Fermenta Plant Protection Co.
Gordon Combs	IT Corporation
Alan Gradet	
Lee Lasiter	
Joe Teller	GCWDA
Julie Clifford	

Participants
(7) participants

CWH 000000642