100016986

RECORD OF COMMUNICATION	☒ PHONE CALL ☐ DISCUSSION ☐ FIELD TRIP ☐ CONFERENCE ☐ OTHER (SPECIFY) (Record of item checked above)

TO:	FROM:	DATE / TIME
Paul Kutchinski TDWR Dist. 12	Sam Becker	12-17-79 / 11:20 am

SUBJECT PPG (now AC&C) Corpus Christi TX4685 Chromium seepage. TXD080 268 170

SUMMARY OF COMMUNICATION

I talked to Paul concerning his 8-20-79 memo indicating a potential problem w/ seepage to the groundwater from chromium disposal areas around PPG. PPG was bought out this fall by American Chrome and Chemicals. Two mtgs. between District 12 and PPG/AC&C have been held w/ the latest on 10-11-79. At this mtg. AC&C was represented w/ counsel Jim Morris of Dallas-based Thompson & Knight. PPG was present w/ counsel also. It was arranged at this mtg. for the 3 parties to meet w/ every 3 mo's. So, the next mtg will be in January, although no specific date has been set.

Paul said there are 2 sources of Cr seepage: one is at the ① Cr dump site (sludge disposal area); the other is from an ② area in plant. Area ① is away from the process area and near the CC Inner Harbor.

~~CONCLUSION/ACTION TAKEN OR REQUIRED~~

* The "bottom line" of this discussion was that Kutchinski, based on info. he has to date, thinks that there is no immediate problem concerning public waters or drinking water supply from these 2 areas. However his concern is over the potential threat.

INFORMATION COPIES

TO: Stiebing/Ferguson Elliott/Fontenot Comp. file

DEC 18 1979

SUPERFUND FILE

EPA Form 1300-6 (8-72) REPLACES EPA HQ FORM 5500-3 WHICH MAY BE USED UNTIL SUPPLY IS EXHAUSTED

6AEG

RECORD OF COMMUNICATION

☐ PHONE CALL ☐ DISCUSSION ☐ FIELD TRIP ☐ CONFERENCE
☐ OTHER (SPECIFY)

(Record of item checked above)

TO:	FROM:	DATE
		TIME

SUBJECT

SUMMARY OF COMMUNICATION

He said PPG has known of a seepage problem from these areas for several years now. The State has also been aware and has only recently pursued this activity because of their expanding solid waste disposal efforts.

Two separate plumes migrate from these two sources toward the Harbor. PPG has trenched one area and driven steel pilings to native clay and has pump-back capability to their S= treatment system. Based on monitoring wells put in by PPG & monitoring by the State there has been no evidence of seepage effects in the Corpus Christi Inner Harbor. Plus, the nearest drinking water supply is upstream on the Nueces River beyond the salt water intrusion located 4 miles North of the mouth into the Harbor. He also knew of no individuals obtaining drinking water from wells in the area.

Thus far levels of T Cr. both E & W of plant site have been ≈ < .004 mg/l so Paul says he is being deliberate with his requirements of the Co. since no measured effects have been seen.

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TO:	FROM:	DATE / TIME
SUBJECT		

SUMMARY OF COMMUNICATION

However PPG recently submitted info. to the State indicating the sphere of influence concerning Cr contamination of the g.w. may be greater than they originally thought.

Analyses of g.w. from a test hole at the pumpback trench serving the plume from the sludge disposal area showed a Hex Cr concentration of 4.1 g/l. At this same location the average T. Cr. for the period 1/76 → 7/79 has been .4 g/l. For the same time period at the steel piling pumpback location serving the internal plant seepage area T Cr ave. was <30 ppm, the high being 76 ppm and the low .1 ppm. Paul's opinion is that if any gets into the Inner Harbor it would be because these collection systems were not wide enough. Any seepage escaping would enter the harbor, be Bays, because of its depth (soon to be 45' after dredging).

~~CONCLUSIONS, ACTION TAKEN OR REQUIRED~~

There has also been T. Cr. monitoring of plant's cooling water intake (which because of tidal influence should give representative results). (daily composites)

'73	131 analyses	3.1 ppb	TCr	'78	142 analyses	3.4	ppb
'74	254 "	5.7 ppb	TCr	'79	89 analyses	4.4	ppb
'75	263 "	1.8 ppb	TCr				
'76	261 "	2.8 ppb	TCr				
'77	6 "	5.5 ppb	TCr				

INFORMATION COPIES TO:

EPA Form 1300-6 (7-72) REPLACES EPA HQ FORM 5300-3 WHICH MAY BE USED UNTIL SUPPLY IS EXHAUSTED.

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TO:	FROM:	DATE TIME

SUBJECT

SUMMARY OF COMMUNICATION

A meeting ea. 3 mo's is set up between TDWR, BPG & A&C.

State has requested:

1) split sampling
2) certification of lab procedures
3) eval. of g.w. entering plant property
4) Expand sampling program to establish limits of influence.
5) Evaluate if any other parameter of concern is being seeped.
6) Look into re-mining dump site area to eliminate source.

To summarize;

No immediate impacts discovered, however high levels are present at locations under the facility.

CONCLUSIONS, ACTION TAKEN OR REQUIRED

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