...TE OF CALIFORNIA HEALTH AND WE... AGENCY
GEORGE DEUKMEJIAN, Governor
DEPARTMENT OF HEALTH SERVICES
714/744 P STREET
SACRAMENTO, CA 95814

(916) 324-1807

September 29, 1986

Mr. Jim Furness, President
J. F. Manufacturing Inc.
P.O. Box 143
Dundee, OR 97115

Dear Mr. Furness:

Enclosed please find the test results for the Lassen College pilot tests. Due to the large number of samples, HML only agreed to expedite half of the samples submitted. We, therefore , selected the ones with treatment dosage at 5/5/0, 5/5/5, and 10/10/10 each for both fly ash and bottom ash.

We are very encouraged by the results as they show that bottom ash, after treatment at dosage of 10/10/10, will be able to meet the requirements for non-hazardous waste designation. Fly ash only barely failed to meet the limit for lead concentration. However, since this particular fly ash sample was actually a blend of fly ash and bottom ash (our sample No.17) I have requested two other fly ash samples (our sample No. 10A & 11A) to be analyzed to see if they can meet the requirements.

If you have any other questions, please contact Chein Kao of my staff at (916) 322-8162.

Sincerely,

David J. Leu

David J. Leu, Ph.D., Chief
Alternative Technology and
Policy Development Section
Toxic Substances Control Division

Enclosure

cc: Martha Gildart
Virginia Holten
Chein Kao
John Rowden

STATE OF CALIFORNIA—HEALTH AND WELFARE AGENCY GEORGE DEUKMEJIAN, Governor

DEPARTMENT OF HEALTH SERVICES
714/744 P STREET
SACRAMENTO, CA 95814
(916) 324-1807

Attachment #2

October 17, 1986

Mr. Jim Furness, President
J.F. Manufacturing Inc.
P.O. Box 143
Dundee, OR 94115

Dear Mr. Furness:

We have received the latest fly ash test results from HML for Lassen College pilot tests. They are as follows:

	Title 22 Limits	10/10/10 (No. 10A) STLC	(TTLC)	10/10/15 (No.11A) STLC	(TTLC)
Cd	1	4.80	(71.8)	5.64	(93.8)
Cu	25	7.58	(200)	9.02	(215)
Pb	5	44.00	(1630)	34.40	(2200)
Sb	15	4.06	(2.04)	3.65	(4.74)
Zn	250	258.00	(4040)	347.00	(7577)

Results for Hg have been delayed due to longer testing procedure. However, judging from the results previously received for other samples, it would be safe to assume Hg would not be a problem. Based on these results , it appears that fly ash, when treated separately from bottom ash without blending, has failed the WET test. A higher dosage of chemicals may be needed to bring the leachable metal concentrations down below the limits.

If you have any questions, please contact Chein Kao of my staff at (916) 322-8162.

Sincerely,

David J. Leu

David J. Leu, Ph.D., Chief
Alternative Technology Section
Toxic Substances Control Division

cc: Virginia Holten
Chein Kao
John Rowden

JFM's PILOT TESTS ON LASSEN COLLEGE ASH

07/23/86

	TITLE 22 LIMITS (STLC)	Untreated (STLC)		Treated (STLC)					
		BOTTOM ASH	FLY ASH	BOTTOM ASH			FLY ASH		
				5/5/0	5/5/5	10/10/10	5/5/0	5/5/5	10/10/10*
Cd	1	0.18	10.4	0.13	0.05	0.02	8.16	7.69	0.30
Cu	25	5.82	15.6	12.7	7.12	4.19	10.9	11.8	7.4
Pb	5	6.63	87.6	9.22	5.09	1.22	92.2	37.9	7.50
Sb	15	1.62	3.63	1.12	0.38	0.32	3.02	2.72	0.80
Zn	250	242	708	174.0	77.5	36.4	411.0	421.0	53.10
Hg	0.2	0.001	0.001	0.001	0.001	0.001	0.010	0.055	

* Fly ash was blended with bottom ash at 1:20 ratio by weight

JFM's PILOT TESTS ON LASSEN COLLEGE ASH

07/23/86

	TITLE 22 LIMITS (TTLC)	Untreated (TTLC)		Treated (TTLC)					
		BOTTOM ASH	FLY ASH	BOTTOM ASH			FLY ASH		
				5/5/0	5/5/5	10/10/10	5/5/0	5/5/5	10/10/10*
Cd	100	4.77	99.8	4.14	3.00	2.36	80.6	76.5	12.4
Cu	2500	751.0	250.0	963.0	775.0	226.0	221.0	208.0	293.0
Pb	1000	664.0	2190.0	669.0	860.0	623.0	1770.0	1710.0	1320.0
Sb	500	3.54	1.74	1.17	0.98	0.53	2.05	0.47	1.16
Zn	5000	2940.0	8720.0	1690.0	1580.0	1470.0	6260.0	6140.0	1800.0
Hg	20	0.21	40.0	0.17	0.20	0.22	35.0	39.0	6.0

* Fly ash was blended with bottom ash at 1:20 ratio by weight

PRELIMINARY

SUBJECT TO REVISION

TABLE 1 - SOLUBLE METAL CONCENTRATIONS, mg/l (CA-WET)

SAMPLE	Antimony	Cadmium	Copper	Lead	Mercury	Zinc	Si / Ca / H_2O [3]
Fly Ash (control) 9BF	<1	15 *	20	70 *	<.01	864 *	UNTREATED
Fly Ash 1BF	<1	<.1	4.5	<1	.0028	0.11	50/30/75
Fly Ash 6BF	<1	0.68	4.7	0.52	<.01	<0.1	25/40/0
Fly Ash 9CF (1)	1.2	0.48	5.8	4.8	<.01	4.6	15/30/15
Bottom Ash (control) 3B1	<1	0.23	8.8	81 *	<.01	110	UNTREATED
Bottom Ash 5B1	<1	<0.1	2.7	<1	<.01	0.24	10/10/10
Bottom Ash 7B1	<1	<0.1	1.2	<1	<.01	0.29	25/25/25
Bottom Ash 10B1	<1	<0.1	4.1	<1	<.01	<.1	15/50 [2] /15
STLC	15	1	25	5	0.2	250	

* EXCEEDS STLC VALUE

(1) SAMPLE 9CF WAS FLY ASH BLENDED WITH SAND AT 2:1 WT. RATIO

(2) CALCIUM SOURCE WAS 50% PLASTIC CEMENT / 50% LIME FOR SAMPLE 10B1.
" " " 100% PLASTIC CEMENT FOR ALL OTHER SAMPLES.

(3) RATIOS FROM PHONE CALL WITH BOB FLETCHER (916) 257-3700 ON 3-4-87.

Attachment #3

PRELIMINARY
SUBJECT TO REVISION

TABLE 2 - TOTAL METAL CONTENT, mg/kg

SAMPLE	Antimony	Cadmium	Copper	Lead	Mercury	Zinc	Si/Ca/H_2O
Fly Ash (control) 9BF	149	208*	345	4,300*	55*	12,800*	UNTREATED
Fly Ash 1BF	<40	82	149	1,830*	55*	5,490*	50/30/75
Fly Ash 6BF	56	125*	245	3,280*	40*	7,790*	25/40/0
Fly Ash 9CF	54	99	166	2,030*	24*	6,180*	15/30/15
Bottom Ash (control) 3Bl	<40	3.3	1,640	1,730*	0.35	2,120	UNTREATED
Bottom Ash 5Bl	<40	3.0	251	725	0.11	838	10/10/10
Bottom Ash 7Bl	<40	3.3	203	1,700*	<.1	596	25/25/25
Bottom Ash 10Bl	<40	3.1	654	7,890*	0.29	513	15/50/15
TTLC	500	100	2500	1000	20	5000	

* EXCEEDS TTLC VALUE

California Analytical Laboratories, Inc.
2544 Industrial Boulevard • West Sacramento, CA 95691 • (916) 372-1393

May 15, 1986
Lab No. 24623
Received: 5/1/86
Contract# W4029GW

John Rowden
California Waste Management Bd.
1020 Ninth Street, Suite 300
Sacramento, CA 95814

Eight solid samples were received under chain of custody in one quart glass jars and plastic zip-lock bags to be analyzed for Title 22, CAM TTLC and STLC metals using five grams of sample for TTLC digestion and a twenty gram sample for STLC leach.

CAL I.D.	Sample I.D.		
24623-1	1BF	Fly Ash	10/22/85
-2	6BF	Fly Ash	10/22/85
-3	9CF	Fly Ash	10/22/85
-4	9BF	Fly Ash	10/22/85
-5	5B1	Bottom Ash	10/21/85
-6	7B1	Bottom Ash	10/21/85
-7	10B1	Bottom Ash	10/21/85
-8	3B1	Bottom Ash	10/21/85

RESULTS

See attached data sheets.

John R. Barnett
Inorganics Lab Manager

Donna Gilmore Rhee
Vice President
Inorganic Services

jb

C.A.M. METALS
California Title 22 Protocol
Data Sheet

SAMPLE ID: 1BF Fly Ash 10/22/85 CAL ID: 24623-1

	Total (TTLC) Regulatory Values (mg/Kg wet wt.)	Total Found (mg/Kg)	Leachable (STLC) Regulatory Values (mg/L in leachate)	Leachable Found (mg/L)
Arsenic	500	<40	5	<1
Antimony	500	<40	15	<1
Barium	10000	202	100	1.5
Beryllium	75	<0.5	0.75	<0.05
Cadmium	100	82	1	<0.1
*Chromium III/VI	2500/500	26	560/5	0.61
Cobalt	8000	6.7	80	<0.1
Copper	2500	149	25	4.5
Lead	1000	1830	5	<1
Mercury	20	55	0.2	0.0028
Molybdenum	3500	<10	350	<1
Nickel	2000	18	20	0.33
Selenium	100	<5	1	<0.5
Silver	500	6.8	5	<0.5
Thallium	700	<50	7	<1
Vanadium	2400	20	24	<0.5
Zinc	5000	5490	250	0.11

*Reported as Cr III plus Cr VI.

The less-than (<) symbol means "not present at or above the indicated value (detection limit)".

PREPARED BY JRB APPROVED BY JEB

C.A.M. METALS
California Title 22 Protocol
Data Sheet

SAMPLE ID: 6BF Fly Ash 10/22/85 CAL ID: 24623-2

	Total (TTLC) Regulatory Values (mg/Kg wet wt.)	Total Found (mg/Kg)	Leachable (STLC) Regulatory Values (mg/L in leachate)	Leachable Found (mg/L)
Arsenic	500	<40	5	<1
Antimony	500	56	15	<1
Barium	10000	274	100	1.0
Beryllium	75	<0.5	0.75	<0.05
Cadmium	100	125	1	<0.1
*Chromium III/VI	2500/500	41	560/5	0.68
Cobalt	8000	11	80	<0.1
Copper	2500	245	25	4.7
Lead	1000	3280	5	0.52
Mercury	20	40	0.2	<0.01
Molybdenum	3500	13	350	1.1
Nickel	2000	44	20	0.23
Selenium	100	<5	1	<0.5
Silver	500	12	5	<0.5
Thallium	700	<50	7	<1
Vanadium	2400	35	24	<0.5
Zinc	5000	7790	250	<0.1

*Reported as Cr III plus Cr VI.

The less-than (<) symbol means "not present at or above the indicated value (detection limit)".

PREPARED BY JRB APPROVED BY JRB

C.A.M. METALS

California Title 22 Protocol

Data Sheet

SAMPLE ID: 9CF Fly Ash 10/22/85 CAL ID: 24623-3

	Total (TTLC) Regulatory Values (mg/Kg wet wt.)	Total Found (mg/Kg)	Leachable (STLC) Regulatory Values (mg/L in leachate)	Leachable Found (mg/L)
Arsenic	500	<40	5	<1
Antimony	500	54	15	1.2
Barium	10000	216	100	1.5
Beryllium	75	<0.5	0.75	<0.05
Cadmium	100	99	1	0.48
*Chromium III/VI	2500/500	28	560/5	0.71
Cobalt	8000	6.6	80	0.10
Copper	2500	166	25	5.8
Lead	1000	2030	5	4.8
Mercury	20	24	0.2	<0.01
Molybdenum	3500	10	350	<1
Nickel	2000	19	20	0.44
Selenium	100	<5	1	<0.5
Silver	500	9.2	5	<0.5
Thallium	700	<50	7	<1
Vanadium	2400	21	24	<0.5
Zinc	5000	6180	250	4.6

*Reported as Cr III plus Cr VI.

The less-than (<) symbol means "not present at or above the indicated value (detection limit)".

PREPARED BY JRB APPROVED BY JCE

C.A.M. METALS

California Title 22 Protocol

Data Sheet

SAMPLE ID: 9BF Fly Ash 10/22/85 Control CAL ID: 24623-4

	Total (TTLC) Regulatory Values (mg/Kg wet wt.)	Total Found (mg/Kg)	Leachable (STLC) Regulatory Values (mg/L in leachate)	Leachable Found (mg/L)
Arsenic	500	<40	5	1.1
Antimony	500	149	15	<1
Barium	10000	375	100	2.8
Beryllium	75	<0.5	0.75	0.060
Cadmium	100	208	1	15
*Chromium III/VI	2500/500	49	560/5	1.4
Cobalt	8000	13	80	0.29
Copper	2500	345	25	20
Lead	1000	4300	5	70
Mercury	20	55	0.2	<0.01
Molybdenum	3500	18	350	<1
Nickel	2000	37	20	0.96
Selenium	100	<5	1	<0.5
Silver	500	17	5	<0.5
Thallium	700	<50	7	<1
Vanadium	2400	36	24	<0.5
Zinc	5000	12800	250	864

*Reported as Cr III plus Cr VI.

The less-than (<) symbol means "not present at or above the indicated value (detection limit)".

PREPARED BY JRB APPROVED BY JRB

C.A.M. METALS
California Title 22 Protocol
Data Sheet

SAMPLE ID: 5B1 Bottom Ash 10/21/85 CAL ID: 24623-5

	Total (TTLC) Regulatory Values (mg/Kg wet wt.)	Total Found (mg/Kg)	Leachable (STLC) Regulatory Values (mg/L in leachate)	Leachable Found (mg/L)
Arsenic	500	<40	5	<1
Antimony	500	<40	15	<1
Barium	10000	168	100	1.8
Beryllium	75	<0.5	0.75	<0.05
Cadmium	100	3.0	1	<0.1
*Chromium III/VI	2500/500	33	560/5	0.25
Cobalt	8000	5.4	80	<0.1
Copper	2500	251	25	2.7
Lead	1000	725	5	<1
Mercury	20	0.11	0.2	<0.01
Molybdenum	3500	<10	350	<1
Nickel	2000	27	20	0.10
Selenium	100	<5	1	<0.5
Silver	500	<2	5	<0.5
Thallium	700	<50	7	<1.0
Vanadium	2400	20	24	<0.5
Zinc	5000	838	250	0.24

*Reported as Cr III plus Cr VI.

The less-than (<) symbol means "not present at or above the indicated value (detection limit)".

PREPARED BY JRB APPROVED BY JRB

C.A.M. METALS
California Title 22 Protocol
Data Sheet

SAMPLE ID: 7B1 Bottom Ash 10/21/85 CAL ID: 24623-6

	Total (TTLC) Regulatory Values (mg/Kg wet wt.)	Total Found (mg/Kg)	Leachable (STLC) Regulatory Values (mg/L in leachate)	Leachable Found (mg/L)
Arsenic	500	<40	5	<1
Antimony	500	<40	15	<1
Barium	10000	204	100	1.4
Beryllium	75	<0.5	0.75	<0.05
Cadmium	100	3.3	1	<0.1
*Chromium III/VI	2500/500	19	560/5	0.31
Cobalt	8000	4.0	80	<0.1
Copper	2500	203	25	1.2
Lead	1000	1700	5	<1
Mercury	20	<0.10	0.2	<0.01
Molybdenum	3500	<10	350	<1
Nickel	2000	17	20	0.26
Selenium	100	<5	1	<0.5
Silver	500	<2	5	<0.5
Thallium	700	<50	7	<1
Vanadium	2400	17	24	<0.5
Zinc	5000	596	250	0.29

*Reported as Cr III plus Cr VI.

The less-than (<) symbol means "not present at or above the indicated value (detection limit)".

PREPARED BY JKB APPROVED BY JKB

C.A.M. METALS

California Title 22 Protocol

Data Sheet

SAMPLE ID: 10B1 Bottom Ash 10/21/85 CAL ID: 24623-7

	Total (TTLC) Regulatory Values (mg/Kg wet wt.)	Total Found (mg/Kg)	Leachable (STLC) Regulatory Values (mg/L in leachate)	Leachable Found (mg/L)
Arsenic	500	<40	5	<1
Antimony	500	<40	15	<1
Barium	10000	99	100	1.0
Beryllium	75	<0.5	0.75	<0.05
Cadmium	100	3.1	1	<0.1
*Chromium III/VI	2500/500	16	560/5	0.41
Cobalt	8000	3.7	80	<0.1
Copper	2500	654	25	4.1
Lead	1000	7890	5	<1
Mercury	20	0.29	0.2	<0.01
Molybdenum	3500	<10	350	<1
Nickel	2000	38	20	0.13
Selenium	100	<5	1	<0.5
Silver	500	<2	5	<0.5
Thallium	700	<50	7	<1
Vanadium	2400	48	24	<0.5
Zinc	5000	513	250	<0.1

*Reported as Cr III plus Cr VI.

The less-than (<) symbol means "not present at or above the indicated value (detection limit)".

PREPARED BY JRB APPROVED BY JRB

C.A.M. METALS

California Title 22 Protocol

Data Sheet

SAMPLE ID: 3B1 Bottom Ash 10/21/85 Control CAL ID: 24623-8

	Total (TTLC) Regulatory Values (mg/Kg wet wt.)	Total Found (mg/Kg)	Leachable (STLC) Regulatory Values (mg/L in leachate)	Leachable Found (mg/L)
Arsenic	500	<40	5	<1
Antimony	500	<40	15	<1
Barium	10000	193	100	5.2
Beryllium	75	<0.5	0.75	<0.05
Cadmium	100	3.3	1	0.23
*Chromium III/VI	2500/500	17	560/5	0.45
Cobalt	8000	6.8	80	0.16
Copper	2500	1640	25	8.8
Lead	1000	1730	5	81
Mercury	20	0.35	0.2	<0.01
Molybdenum	3500	<10	350	<1
Nickel	2000	25	20	0.59
Selenium	100	<5	1	<0.5
Silver	500	<2	5	<0.5
Thallium	700	<50	7	<1
Vanadium	2400	19	24	0.54
Zinc	5000	2120	250	110

*Reported as Cr III plus Cr VI.

The less-than (<) symbol means "not present at or above the indicated value (detection limit)".

PREPARED BY JRB APPROVED BY JRB

ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY
DIVISION OF ENVIRONMENTAL HEALTH
ENVIRONMENTAL HEALTH LABORATORY

ANALYTICAL REQUEST

Laboratory No. 87-010

Sample Identification: Soil Samples from Bay Center Site(Garrett)

Analyses Requested by: Lowell Miller

Date Collected: 1-9-87 Collected by: Lowell Miller

Date Received: 1-9-87 Received by: B. Chan

Analyses Requested: pH, Lead- total and soluble from WET Test.

Background Information: Soil samples are from the Bay Center Site and are part of a cleanup program.

ANALYTICAL RESULTS

Parameter	Observation or Result		
	Sample Identification		
	1987-001	1987-002	
pH- by electrode, 50% by weight in distilled water.	Soil, raw 7.5	Soil after fixing 12.2	
	Concentration in ppm		TTLC Limit
Total Lead- Nitric Acid Digestion.	4100 mg/kg ww	3500 mg/kg ww	1000 ww
	5000 mg/kg dw	4900 mg/kg dw	
Percent Non-volatile- Heated to constant weight @105C	81.9	71.2	
	*ww= wet weight dw= dry weight		STLC Limit
Soluble Lead- From WET Test, 48 hour extraction with citrate buffer. Samples were dried and sieved through a #10 screen before extraction procedure.	150 mg/l	< 0.5 mg/l	5.0

Conclusions: Sample 1987-001 exceeds both the TTLC and the STLC limits for lead and sample 1987-002 exceeds the TTLC limit and is also caustic.

Date Analyses Completed: 1-29-87 Chemist: B. Chan

Approved: B. Chan BC

Distribution: R. Shahid, T. Shirasawa, G. Winn

BC/cdb
7/85

ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY
DIVISION OF ENVIRONMENTAL HEALTH
ENVIRONMENTAL HEALTH LABORATORY

ANALYTICAL REQUEST

Laboratory No. 87-010A

Sample Identification Soil Samples from Bay Center Site

Analyses Requested by: L. Miller

Date Collected: _____ Collected by: _____

Date Received: _____ Received by: _____

Analyses Requested Additional info on the soil samples.

Background Information _____

ANALYTICAL RESULTS

Parameter	Observation or Result	
	1987-001	1987-002
Lead- CAM test on wet samples (To see if any lead was loss during drying procedure)	120 mg/l	1.4 mg/l
pH of Cam Extract (initial pH was 5.3)	5.6	5.6 buffer capacity not exceeded
pH of residue from CAM Extract		10.2 residue + deionized
Lead- Adjusted pH of CAM residue to 7.5 before analysis.		5 mg/kg ww analysis for adjusted back to p

Conclusions: Let me know if there are any other tests needed to complete your study.

Date Analyses Completed: 2-4-87 Chemist: B. Chan

Approved: BC

Distribution: _____

BC/cdb
7/85

ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY
DIVISION OF ENVIRONMENTAL HEALTH
ENVIRONMENTAL HEALTH LABORATORY

ANALYTICAL REQUEST

Laboratory No. 87-010

Sample Identification: Soil Samples from Bay Center Site(Garrett)

Analyses Requested by: Lowell Miller

Date Collected: 1-9-87 Collected by: Lowell Miller

Date Received: 1-9-87 Received by: B. Chan

Analyses Requested: pH, Lead- total and soluble from WET Test.

Background Information: Soil samples are from the Bay Center Site and are part of a cleanup program.

ANALYTICAL RESULTS

Parameter	Observation or Result		
	Sample Identification		
	1987-001	1987-002	
pH- by electrode ,50% by weight in distilled water.	Soil, raw 7.5	Soil after fixing 12.2	
	Concentration in ppm		TTLC Limit
Total Lead- Nitric Acid Digestion.	4100 mg/kg ww	3500 mg/kg ww	1000 ww
	5000 mg/kg dw	4900 mg/kg dw	
Percent Non-volatile- Heated to constant weight @105C	81.9	71.2	
	*ww= wet weight dw= dry weight		STLC Limit
Soluble Lead- From WET Test, 48 hour extraction with citrate buffer. Samples were dried and sieved through a #10 screen before extraction procedure.	150 mg/l	< 0.5 mg/l	5.0

Conclusions: Sample 1987-001 exceeds both the TTLC and the STLC limits for lead and sample 1987-002 exceeds the TTLC limit and is also caustic.

Date Analyses Completed: 1-29-87 Chemist: B.Chan

Approved: B.Chan bc

Distribution: R.Shahid, T.Shirasawa, G.Winn

BC/cdb
7/85

ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY
470-27th Street, Oakland, CA 94612
(415) 874-6434

OCCUPATIONAL HEALTH SERVICES
LABORATORY SERVICE REQUEST

Plant or Place [illegible]

Address [illegible]

Sample Submitted to [illegible] Date Submitted [illegible]

Send Analytical Report to: Alameda County Health Care Services Agency/
Occupational Health
470-27th Street, Room 324, Oakland, CA 94612
Attn: _____

Send Invoice To: Lowell Miller

Item No.	Date Coll.	Type of Sample (Air, Material)	Volume/ Weight	Field Observation	Analysis Requested
[illegible]	11/4/87	soil, raw		[illegible]	PB, OIL, WET
[illegible]	11/7/87	soil with [illegible]		[illegible]	PB OIL WET
		[illegible]		[illegible]	
		[illegible]			

Chain of Custody:

	Signature	Title	Inclusive Dates
1.	Lowell Miller	Environmentalist	11/7/87
2.	[illegible]	Chemist III	11/7/87
3.			

- 50g dry constant cut ground, pulverize
  # 10 screen
- 10g to with 100 ml citrate pH 5
  ~~citric~~ .2 molar sodium citrate
  adjusted pH to 6.0 with NaOH
  to pH 5

- 48 hours stirred extraction
- ~~heavy~~ methods standard addition extraction

pH 5.6

pH = 5.3

Residue is pH = 10.2

HNO_3 = 7.5, then

Pb = .5 ppm

pilot drilling ran

✓ next two weeks; all material cannot exceed 2 weeks

✓

✓ Submitting to state
contract to reimburse their costs for monitoring
2000-5000 ↕ years for monitoring well; to collect
& use de water.
He wanted this requested:

✓ deed restriction for what to be built
✓ contact appr. govt when any construction
will occur.

✓ describe your issue
will send letter tomorrow; other water ↺ results

2/25/87

New overhead

New sampling plan

Schedule for remaining part of plot of trichloro

new piles from current new excavation isolated from moved pile

Samples of moved material 5 + 5 composite

benzene, Total hydrocarbon