



TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

November 23, 1992


Mr. Max Holmes
KB Technologies Ltd.
6917 Sperry
Dallas, Texas 75214

Dear Mr. Holmes:

In accordance with the Chain of Custody dated November 18, 1992, we are pleased to present the enclosed bioassay report, Lab No. KBL1122.872 for the sample labeled CDP Slurry 1.0 G/L FV=140 Untreated and received in this laboratory on November 18, 1992 at 0940. The test was conducted in freshwater, utilizing fathead minnows, (Pimephales promelas). The results were as follows:

Sample I.D.	CDP Slurry 1.0 G/L FV=140 Untreated
Date Received	November 18, 1992
96 hr LC50	>750 mg/l
95% Conf. Int. =	N/A

Respectfully submitted,



Thomas (Tim) Mikel
Laboratory Director

SAMPLE AND BIOASSAY INFORMATION
 ABC Laboratories
 29 North Olive Street
 Ventura, Ca. 93001
 (805) 643-5621

CLIENT NAME: KB Technologies, Ltd. DATE: 11/18/92
0940
 SAMPLE ID: CDP Slurry 1.0 G/L FV=28 Treated W/ Klean Break LAB.NO: KBL1122.873

TEST TYPE: Screening FLOW: Static TANK VOLUME: 10 Liters

DILUTION WATER: Reconstituted Fresh HARDNESS: 45 mg/l ALKALINITY: 27 mg/l
END: 49 END: 40

AERATION: Single bubble aeration in all tanks ACCL.TEMP: 20.0 deg.C

ORGANISM: Fathead Minnow SPECIES: Pimephales promelas SOURCE: Thomas Fish Co.

CARRIER: Greyhound Bus Co. DATE REC'D: 11/12/92 AVG.LNGTH: 35 mm AVG.WT.: .61

NUMBER ORGANISMS PER TANK: 10

	Initial	24 Hour	48 Hour	72 Hour	96 Hour
Date:	11/18/92	11/19/92	11/20/92	11/21/92	11/22/92
Time:	1600	1530	1130	1530	1600

Conc. mg/l	DO Dg.C pH			DO Dg.C pH #M			DO Dg.C pH #M			DO Dg.C pH #M			DO Dg.C pH #M			Tot #M
	DO	Dg.C	pH	DO	Dg.C	pH #M	DO	Dg.C	pH #M	DO	Dg.C	pH #M	DO	Dg.C	pH #M	
0 (Con.)	8.1	21.8	7.5	8.1	19.9	7.4 0	8.1	20.1	7.5 0	7.9	20.0	7.5 0	8.0	20.0	7.5 0	0

750 (A)	8.5	21.9	7.4	7.8	20.7	7.3 0	7.9	20.2	7.6 0	7.8	19.0	7.6 0	7.8	19.1	7.6 0	0
750 (B)	8.5	21.9	7.4	8.0	20.5	7.3 0	7.7	20.1	7.6 0	7.9	19.0	7.7 0	7.7	19.0	7.6 0	0
400 (A)	8.4	21.8	7.4	7.8	20.5	7.3 0	7.9	20.2	7.6 0	7.8	19.0	7.7 0	7.7	19.0	7.6 0	0
400 (B)	8.5	21.8	7.4	8.0	20.6	7.3 0	7.9	20.2	7.6 0	7.9	19.0	7.6 0	7.8	19.0	7.6 0	0

96 HOUR LC50 >750 mg/L 95% CONFIDENCE INTERVAL = N/A

CALCULATION METHOD: Binomial Test ANALYST: Martha Meyer DATE: 11/23/92
Martha Meyer, Chief Biologist

REMARKS: Beginning Sample Hardness: 45 mg/L (CACO3) Alkalinity: 31 mg/L
 Ending Sample Hardness: 49 mg/L (CACO3) Alkalinity: 41 mg/L

TECHNICAL LABORATORIES, INC.

515 CHEROKEE BLVD.

MARTIN H. DAVIS
President

CHATTANOOGA, TENNESSEE 37405

615/265-4533

November 06, 1995

KB Technologies Ltd.
735 Broad Street, Suite 216
Chattanooga, TN 37402

Attention: Mr. John Wilkerson

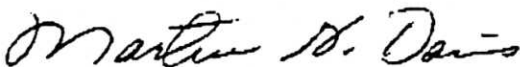
The information regarding the analysis of your sample submitted on October 13, 1995 (our Laboratory No. 371,144) is as follows:

	<u>ANALYSIS DATE</u>	<u>ANALYSIS TIME</u>	<u>EMPLOYEE NUMBER</u>	<u>METHOD CODE</u>
BOD	10/13/95	17:00	154	405.1
COD	10/13/95	17:30	28	410.4
Total Dissolved Solids	10/13/95	19:00	154	160.1
pH	10/13/95	17:00	154	150.1
Chloride	10/24/95	10:00	142	300.0
Total Kjeldahl Nitrogen	10/13/95	14:30	28	351.3
Ammonia Nitrogen	10/13/95	13:30	28	350.2
Residual Chlorine	10/13/95	13:10	28	330.5

The method codes correspond to EPA 600/4-79-020 method numbers as required for NPDES permits.

Sincerely,

TECHNICAL LABORATORIES, INC.


Martin H. Davis

wpf

TECHNICAL LABORATORIES, INC.

515 CHEROKEE BLVD.
CHATTANOOGA, TENNESSEE 37405

OPY

615/265-4533

MARTIN H. DAVIS
President

ACCOUNT NO. 4182-001 **DATE** NOVEMBER 16, 1995
RECEIVED FROM KB TECHNOLOGIES LTD, 735 BROAD STREET, SUITE 216, CHATTANOOGA,
MR. JOHN WILKERSON TENNESSEE 37402
RECEIVED DATE 10/13/95
MATERIAL WATER
MARKED 10/13/95
LABORATORY NO. 371,144-A

25 Day BOD mg/l 140

TECHNICAL LABORATORIES, INC.



MARTIN H. DAVIS
President

ibc

ABC Laboratories
 29 North Olive Street
 Ventura, Ca. 93001
 (805) 643-5621

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DATE: 11/18/92
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SAMPLE ID: CDP Slurry 1.0 G/L Untreated FV = 140

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Conc. mg/l	DO Dg.C pH			DO Dg.C pH #M			DO Dg.C pH #M			DO Dg.C pH #M			DO Dg.C pH #M			Tot. #M				
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0 (Con.)	8.1	21.8	7.5	8.1	19.9	7.4	0	8.1	20.1	7.5	0	7.9	20.0	7.5	0	8.0	20.0	7.5	0	0

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96 HOUR LC50 >750 mg/L 95% CONFIDENCE INTERVAL = N/A

CALCULATION METHOD: Binomial Test

ANALYST: *Martha Meyer*
 Martha Meyer, Chief Biologist

DATE: 11/23/92

REMARKS: Beginning Sample Hardness: 43 mg/L (CACO3) Alkalinity: 28 mg/L
 Ending Sample Hardness: 40 mg/L (CACO3) Alkalinity: 35 mg/L