

97 FEB 28 PM 3: 30

February 26, 1997

Ms. Eva Chu
Hazardous Materials Specialist
Alameda County Environmental Health Department
1131 Harbor Bay Parkway, #250
Alameda, California 94502-6577

Subject: Request for Site Closure
Interstate Brands Corporation (formerly Continental Baking Company)
6841 Village Parkway, Dublin, California
Project No. 961300NA

Dear Ms. Chu:

This letter summarizes the decommissioning activities of the three monitoring wells (MW-1, MW-2, and MW-3) located at the above site. Based on this information provided in this letter, we request that Alameda County Environmental Health Department (ACEHD) issue a closure letter for this site. This letter is divided into the following sections: Background, and Field Activities.

BACKGROUND

In a letter to Interstate Brands Corporation (IBC) dated August 26, 1996, ACEHD stated the following:

“This office and the San Francisco RWQCB have reviewed the case closure summary for the above referenced site and concur that no further action related to the underground tank release is required at this time. Before a remedial action completion letter is sent, the onsite monitoring wells, MW-1 through MW-3, should be decommissioned, if they will no longer be monitored. Please notify this office upon completion of well destruction so a closure letter can be issued.”

FIELD ACTIVITIES

On January 29, 1997, the three monitoring wells were decommissioned at the above site by Wayne Environmental Drilling, Inc. of Lincoln, California under Zone 7 Water Agency Permit No. 97074 (attached). Each well was abandoned by overdrilling the well casing and by grouting the boring to the surface by the tremie method (see attached well completion reports).

**Woodward-Clyde
Consultants**

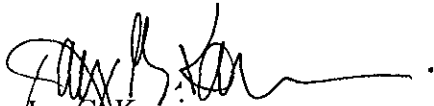
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Page 2

Since the activities to decommission the wells at the above site have been completed, we request that ACEHD issue a closure letter for this site. Please send the original closure letter to Mr. Larry Brown at IBC and send a copy of the closure letter to us.

If you have any questions regarding the information in this letter or require additional information, please call me at (916) 368-0988.

Very truly yours,

WOODWARD-CLYDE



Jay G. Kamine
Senior Project Engineer

Enclosure: Zone 7 Water Agency Permit Number 97074
Well Completion Reports (MW-1, MW-2, and MW-3)

cc: Mr. Larry Brown (Interstate Brands Corporation)





ZONE 7 WATER AGENCY

5897 PARKSIDE DRIVE PLEASANTON, CALIFORNIA 94568

VOICE (510) 484-2600
FAX (510) 482-3914

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

FOR OFFICE USE

LOCATION OF PROJECT 6841 Village Parkway, Dublin, Ca.

PERMIT NUMBER 97074
LOCATION NUMBER 3S/LW 1B6 to 1B8

CLIENT Name Interstate Brands Corporation
Address 1329 Arden Wy. Voice (916) 929-9621 Ext. 27
City Sacramento, Cal. Zip 95815

PERMIT CONDITIONS
Circled Permit Requirements Apply

APPLICANT Name John Pattison - WAYNE ENVIRONMENTAL
Address Box 376 Fax (916) 645-7945
City Lincoln, Ca. 95648 Voice 645-9355 Zip 95648

- A. GENERAL
 1. A permit application should be submitted so as to arrive at the Zone 7 office five days prior to proposed starting date.
 2. Submit to Zone 7 within 60 days after completion of permitted work the original Department of Water Resources Water Well Drillers Report or equivalent for well projects, or drilling logs and location sketch for geotechnical projects.
 3. Permit is void if project not begun within 90 days of approval date.
- B. WATER WELLS, INCLUDING PIEZOMETERS
 1. Minimum surface seal thickness is two inches of cement grout placed by tremie.
 2. Minimum seal depth is 50 feet for municipal and industrial wells or 20 feet for domestic and irrigation wells unless a lesser depth is specially approved. Minimum seal depth for monitoring wells is the maximum depth practicable or 20 feet.
- C. GEOTECHNICAL. Backfill bore hole with compacted cuttings or heavy bentonite and upper two feet with compacted material. In areas of known or suspected contamination, tremied cement grout shall be used in place of compacted cuttings.
- D. CATHODIC. Fill hole above anode zone with concrete placed by tremie.
- E. WELL DESTRUCTION. See attached.

TYPE OF PROJECT

Well Construction	Geotechnical Investigation
Cathodic Protection	General
Water Supply	Contamination
Monitoring	Well Destruction

PROPOSED WATER SUPPLY WELL USE

Domestic Industrial Other
 Municipal Irrigation

DRILLING METHOD

Mud Rotary Air Rotary Auger
 Cable Other

DRILLER'S LICENSE NO. 376375-718139

WELL PROJECTS

Drill Hole Diameter	in.	Maximum	
Casing Diameter	<u>4</u> in.	Depth	<u>19</u> ft.
Surface Seal Depth	ft.	Number	<u>3</u>

GEOTECHNICAL PROJECTS

Number of Borings		Maximum	
Hole Diameter	in.	Depth	ft.

ESTIMATED STARTING DATE 1-29-97
ESTIMATED COMPLETION DATE 1-30-97

I hereby agree to comply with all requirements of this permit and Alameda County Ordinance No. 73-65.

Approved Wyman Hong Date 4 Feb 97
Wyman Hong

APPLICANT'S SIGNATURE John Pattison Date 1-22-97

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

Project: CBC - Dublin
 Project Location: 6841 Village Parkway, Dublin, CA
 Project Number: 92CB037

Log of Boring MW-1

Sheet 1 of 1

Date(s) Drilled	2/28/94			Logged By	M. Castellano		Checked By	
Drilling Method	Hollow Stem Auger			Drill Bit Size/Type	11 1/4" Bullet Type		Approx. Surface Elevation (feet)	341.37 mal
Drill Rig Type	Mobile B-61			Drilled By	Kvtheug Well Drilling		Total Depth Drilled (feet)	18.6
Groundwater Level (feet, bgs)	First	Completion	24 Hours	Number of Samples	Disturbed:	Undisturbed:	Sampler Type	2 1/2-inch Split Spoon
	12.5	10.4	10.28				Screen Perforation	0.02-inch Slot 6'-18.5'
Diameter of Hole (inches)	12		Diameter of Well (inches)	4		Type of Well Casing	4-inch Schedule 40 PVC	
Type of Sand Pack	#2/12 Loneaster 6'-18.5'			Type/Thickness Bentonite 3'-4' / Grout (Neat Cement) 0.6'-3'				
Comments	Located downgradient of former UST							

Depth, feet	Elevation, feet	SAMPLES		USCS Classification	Graphic Log	MATERIAL DESCRIPTION	Well Completion Log	Hnu (ppm)		REMARKS
		Type	Depth bgs feet					Blows/foot	Headspace	
0	340					ASPHALT				
5	335	6-6.5	25	CL		SANDY CLAY Dark grayish green, firm, dry to slightly moist, 20% fine sand, clay of moderate plasticity		2		
		8.1-8	11	SM		SILTY SAND Light olive gray, trace of clay, dry, 70% fine-grained sand, ~20% silt				Odoriferous Soil at 7' Chemical Sample (7'-7.5')
10	330	11-12.5	17	SC		CLAYEY SAND Dark gray to moderate brown, dense, 40% clay, 60% fine to medium sand		44		Chemical Sample (11.5'-12.0') Note: Well completed below grade inside a traffic rated christy type box and locking cap
15	325	14.5-16	10			CLAYEY SAND Moderate brown, medium dense, fine to medium grained sand, 30% clay of moderate plasticity				
20	320									
25	315									
30										

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

Project: CBC - Dublin
 Project Location: 6841 Village Parkway, Dublin, CA
 Project Number: 92CB037

Log of Boring MW-2

Sheet 1 of 1

Date(s) Drilled	2/28/94			Logged By	M. Castellanos		Checked By	
Drilling Method	Hollow Stem Auger			Drill Bit Size/Type	11 1/4" Bullet Type		Approx. Surface Elevation (feet)	341.16 mal
Drill Rig Type	Mobile Drill B-61			Drilled By	Kvthaug Well Drilling		Total Depth Drilled (feet)	18.5
Groundwater Level (feet, bgs)	Frst	Completion	24 Hours	Number of Samples	Disturbed:	Undisturbed:	Sampler Type	2 1/2-inch Spill Spoon
	13	10.3	10.32				Screen Perforation	0.02-inch Slot 5'-18.5'
Diameter of Hole (inches)	12		Diameter of Well (inches)	4		Type of Well Casing	4-inch Schedule 40 PVC	
Type of Sand Pack	#2/12 Lonester 4'-18.5'			Type/Thickness of Seal(s)	Bentonite 3'-4' / Grout (Neat Cement) 0.6'-3'			
Comments	Continuously Sampled. Located upgradient of former UST							

Depth, feet	Elevation, feet	SAMPLES		USCS Classification	Graphic Log	MATERIAL DESCRIPTION	Well Completion Log	HNU (ppm)		REMARKS
		Type	Blows/foot					Headspace	Background	
0						ASPHALT				
	340	1-2.5	42	CL		SANDY CLAY Olive gray, slightly moist, 30% fine to medium-grained sand, few rounded gravels, some silt, non plastic clay		<1	<1	Air Monitored with HNU
		2.5-4	43					<1	<1	
		4.5-5	22					<1	<1	
5		5.5-7	32							Chemical Sample (5'-5.5')
		7-8.5	26	SM		SILTY SAND Light olive gray, dry, 30% fine-grained sand, 40% medium grained sand, trace of silt, some slightly plastic clay		20		
		8.5-10	22	ML				20		Odiferous Soil at 8'
10		10-11.5	8			SILTY CLAY Gray, firm to hard, moderately plastic clay, trace of fine sand		25		Chemical Sample (9'-9.5')
		11.5-13	20	ML						
		13-14.5	10			SILTY CLAY Brownish gray with white crystalline veins, firm, moist, moderately plastic clay,				Note: Well completed below grade inside a christy type box (traffic rated)
		14.5-16	11	SC		CLAYEY SAND Moderate brown, saturated, very dense to dense, 40% fine-grained sand, plastic to very plastic clay				
15		16-17.5	14							
						Trace of gravel at bottom of sampling shoe				
20										
	320									
25										
	315									
30										

CONFIDENTIAL

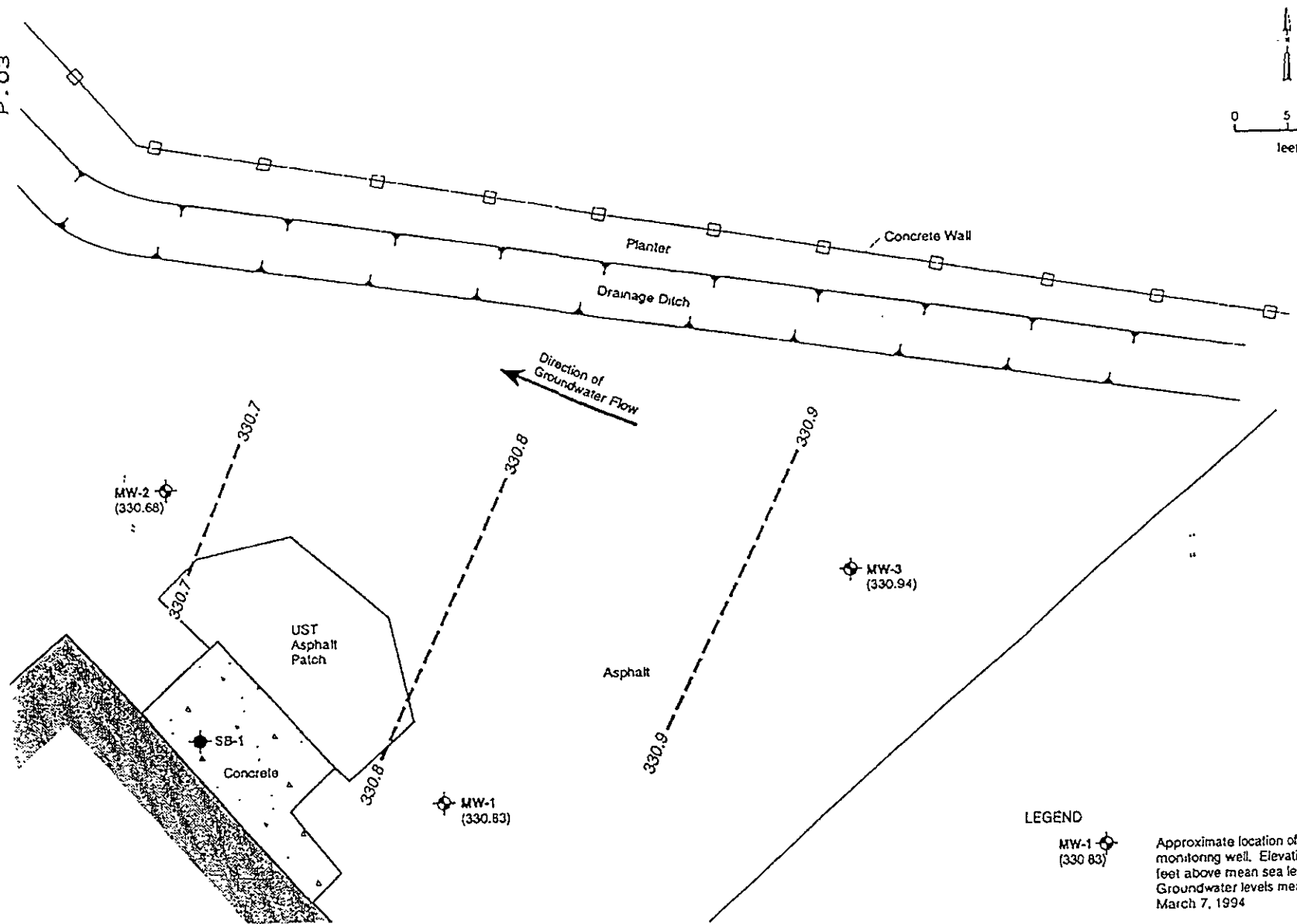
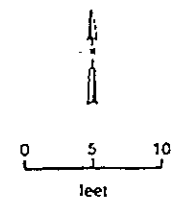
STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

Date(s) Drilled: 3/1/94			Logged By: M. Castellano			Checked By:		
Drilling Method: Hollow Stem Auger			Drill Bit Size/Type: 1 1/4" Bullet Type			Approx. Surface Elevation (feet): 340.78 msl		
Drill Rig Type: Mobile Drill B-61			Drilled By: Kullhaug Well Drilling			Total Depth Drilled (feet): 18.2		
Groundwater Level (feet, bgs)	First: 12.5	Completion: 9.32	24 Hours: 9.31	Number of Samples:	Disturbed:	Undisturbed:	Sampler Type: 2 1/2-inch Split Spoon	
Diameter of Hole (inches): 12	Diameter of Well (inches): 4		Type of Well Casing: 4-inch Schedule 40 PVC			Screen Perforation: 0.02-inch Slot 5'-17.5'		
Type of Sand Pack: #2/12 Lonestar 4'-18.2'			Type/Thickness Bentonite 3'-4' / Grout (Neat Cement) 0.5'-3'					
Comments: Located cross-gradient of former UST								

Depth, feet	Elevation, feet	SAMPLES		USCS Classification	Graphic Log	MATERIAL DESCRIPTION	Well Completion Log	HNU (ppm)		REMARKS
		Type	Depth bgs feet					Blows/foot	Headspace	
0	340					ASPHALT				Air Monitored with HNU
5	335		8-8.5	14	CL	SANDY CLAY Dark grayish green, firm, dry to slightly damp, 20% fine-grained sand, clay of low to moderate plasticity		<1		Chemical Sample (8'-8.5')
					SM	SILTY SAND Light olive gray, dry, ~70% fine-grained sand, 20% silt				
10	330		10'-11.5	13	CL/ML	SILTY SANDY CLAY Brownish gray, 40% fine sand to silt, clay of medium plasticity, moisture increase at 11', trace of white crystalline veins		<1		Chemical Sample (11'-11.5')
15	325		15-16.5	11	SC	CLAYEY SAND Moderate brown, dense, 40% fine sand, plastic to very plastic clay, trace of gravel				Note: Well completed below grade inside a traffic rated chrisy type box and locking cap
20	320									
25	315									
30										

P.03



LEGEND

MW-1 (330.83) Approximate location of groundwater monitoring well. Elevation of groundwater feet above mean sea level in parentheses. Groundwater levels measured on March 7, 1994.

--- 330.9 Inferred groundwater elevation contour

Project No. 92CB037	Continental Baking Company 6841 Village Parkway Dublin, CA	GROUNDWATER ELEVATION CONTOUR MAP	Figure 4
Woodward-Clyde Consultants			

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