

August 27, 2001

SEP 05 2001

Alameda County Department of
Environmental Health
1131 Harbor Bay Parkway, 2nd Floor
Alameda, CA 94502-6577

Attention: Ms. Susan Hugo

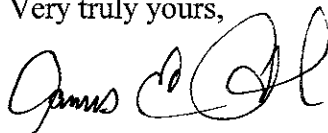
Subject: Report of Monitoring Well Decommissioning
Liquid Sugars UST Site
1275 66th Street, Emeryville, California
GA Project No.: 149-01-03

Ladies and Gentlemen:

Pursuant to your request, the five groundwater monitoring wells, MW-1 through MW-5, at the subject site in Emeryville, California were decommissioned on Tuesday, August 14, 2001. In accordance with Alameda County Department of Public Works permit requirements, the wells were pressure grouted by Gregg Drilling. Attached for your files please find copies of the well destruction permits in Appendix A and the well completion reports in Appendix B.

We appreciate this opportunity to provide this information for your review. Please contact us if there are questions or if additional information is required.

Very truly yours,



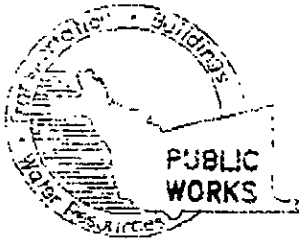
James E. Gribi
Registered Geologist
California No. 5843

JEG/ct
Enclosures

c Mike Alo, Liquid Sugars, Inc.

SEP 05 2001

APPENDIX A
WELL DESTRUCTION PERMITS



COUNTY OF ALAMEDA
PUBLIC WORKS AGENCY
WATER RESOURCES SECTION
399 Elmhurst Street, Hayward, CA 94544-1395

FAX TRANSMITTAL

TO: *Jim Grabi*

DATE: *8-14-07*

ATTN:

FAX NO.: *(707) 748-7763*

TRANSMITTING THE FOLLOWING:

SHEETS DATED TITLE/DESCRIPTION

5 Drilling Permit Application *WO1-682-68*

6 TOTAL PAGES INCLUDING THIS SHEET.

FROM WATER RESOURCES SECTION

NAME: JAMES YOO

TEL: (510) 670-6633

FAX: (510) 782-1939

E-MAIL: jamesy@acpwa.mail.co.alameda.ca.us

IF YOU EXPERIENCE PROBLEMS WITH THIS TRANSMISSION, PLEASE CALL ME.

REMARKS



ALAMEDA COUNTY PUBLIC WORKS AGENCY

WATER RESOURCES SECTION

3901 Tolman St HAYWARD, CA 94541
PHONE (510) 670-5554 FAX (510) 782-1935

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

LOCATION OF PROJECT Liquid Sugars Inc
1275 66th Street
Emeryville CA

Geologic Coordinates Source _____ ft Accuracy _____ ft
APN 008

Applicant Liquid Sugars Inc
Address P.O. Box 96 Phone 510/772-4700
OAKLAND CA 94604

Applicant Lin Gribi
Address 1250 Hayes St Phone 415/768-1763
BENICIA CA Zip 94510

TYPE OF PROJECT

<input type="checkbox"/> New Construction	<input type="checkbox"/> Geotechnical Investigation
<input type="checkbox"/> Flood Protection	<input type="checkbox"/> Other
<input type="checkbox"/> Other	<input type="checkbox"/> Construction
<input type="checkbox"/> Maintenance	<input checked="" type="checkbox"/> Well Construction

PROPOSED WATER SUPPLY WELL USE

<input type="checkbox"/> New Domestic	<input type="checkbox"/> Replacement Domestic
<input type="checkbox"/> Municipal	<input type="checkbox"/> Irrigation
<input type="checkbox"/> Other	<input type="checkbox"/> Other

DRILLING METHOD

<input type="checkbox"/> Auger	<input type="checkbox"/> Air Rotary	<input type="checkbox"/> Auger
<input type="checkbox"/> Other	<input checked="" type="checkbox"/> Other	<input checked="" type="checkbox"/> Pressure Grout

WELLER'S LICENSE NO.

425165

WELL PROJECTS

Well Diameter	<u>8"</u>	Maximum	<u>20'</u>
Well Depth	<u>4'</u>	Depth	<u>20'</u>
Surface Seal Depth	<u>4'</u>	Number	<u>1 MW-1</u>

GEOTECHNICAL PROJECTS

Number of Borings	_____	Maxim. P.	_____
Well Diameter	_____	Depth	_____

ESTIMATED STARTING DATE

8/14/01

ESTIMATED COMPLETION DATE

8/14/01

I hereby agree to comply with all requirements of this permit, and to pay County Fee No. 23-08.

APPLICANT'S SIGNATURE [Signature] DATE 8/13/01

FOR OFFICE USE

PERMIT NUMBER WD-683
WELL NUMBER _____
APN _____

PERMIT CONDITIONS

Circled Permit Requirements Apply

A. GENERAL

1. A permit application should be submitted so as to arrive at the ACPWA office five days prior to proposed starting date.
2. Submit to ACPWA within 60 days after completion of permitted work the original Department of Water Resources Water Well Driller's Report as required for well projects, or drilling logs and location sheets for geotechnical projects.
3. Permit is void if project not begun within 90 days of approval date.

B. WATER SUPPLY WELLS

1. Maximum surface seal thickness is two inches of cement grout placed by trowel.
2. Minimum seal depth is 30 feet for municipal and industrial wells or 20 feet for domestic and irrigation wells unless a lesser depth is specially approved.

C. GROUND WATER MONITORING WELLS INCLUDING PIEZOMETERS

1. Minimum surface seal thickness is two inches of cement grout placed by trowel.
2. Minimum seal depth for monitoring wells is the maximum depth permeable or 30 feet.

D. GEOTECHNICAL

Backfill bore hole with compacted cuttings or heavy bentonite and upper two feet with compacted material. In areas of known or suspected contamination, permeable cement grout shall be used in place of compacted cuttings.

E. CATHODIC

Fill hole above anode zone with concrete placed by trowel.

F. WELL DESTRUCTION

See attached

G. SPECIAL CONDITIONS

Pressure Grout

APPROVED [Signature]

DATE 8-13-01



ALAMEDA COUNTY PUBLIC WORKS AGENCY

WATER RESOURCES SECTION

299 Elmwood St HAYWARD, CA 94540
PHONE (510) 670-5554 FAX (510) 782-1935

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

FOR OFFICE USE

NAME OF PROJECT Liquid Sugars Inc
1275 66th Street
EMERYVILLE CA

PERMIT NUMBER W01-68A
WELL NUMBER _____
APN _____

APPLICANT'S SOURCE _____ A Agency _____ B
C Other _____

PERMIT CONDITIONS

Circled Permit Requirements Apply

APPLICANT Liquid Sugars Inc
Address P.O. Box 96 Phone 510/777-4710
City OAKLAND Zip 94612

- A. GENERAL
 1. A permit application should be submitted to us to arrive at the ACPWA office five days prior to proposed starting date.
 2. Submit to ACPWA 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 sheets for geotechnical projects.
 3. Permit is void if project not begun within 90 days of approval date.

CONTACT Jim Gribi
Gen. Associates Fax 707/728-1763
1550 Hayes St Phone 707/728-1745
BENICIA CA Zip 94510

- B. WATER SUPPLY WELLS
 1. Minimum surface seal thickness is two inches of cement grout placed by tremie.
 2. Minimum seal depth is 30 feet for municipal and industrial wells or 20 feet for domestic and irrigation wells unless a lesser depth is specifically approved.

TYPE OF PROJECT

<input type="checkbox"/> New Well	Geotechnical Investigation
<input type="checkbox"/> Replacement	General
<input type="checkbox"/> Work on Existing Well	Contamination
<input type="checkbox"/> Well Destruction	Well Destruction

- C. GROUND WATER MONITORING WELLS INCLUDING PIEZOMETERS
 1. Minimum surface seal thickness is two inches of cement grout placed by tremie.
 2. Minimum seal depth for monitoring wells is the maximum depth practicable or 20 feet.

PROPOSED WATER SUPPLY WELL USE

<input type="checkbox"/> Replacement	Replacement Demolition
<input type="checkbox"/> Irrigation	Irrigation
<input type="checkbox"/> Other	Other

- D. GEOTECHNICAL

Backfill bore hole with compressed cuttings or heavy bentonite and upper two feet with compressed material. In areas of known or suspected contamination, tremie cement grout shall be used in place of compressed cuttings.

DRILLING METHOD

<input type="checkbox"/> Mud Rotary	Air Rotary	C	Auger	G
<input type="checkbox"/> Other	Other		Pressure Grout	

- E. CATHODIC

Fill hole above anode zone with concrete placed by tremie.

PLUMBER LICENSE NO. 435165

WELL PROJECTS

<u>8"</u> in. Maximum	Maximum
<u>20'</u> in. Depth	Depth
<u>1</u> Number	Number

Every Drilling
MW-1

- F. WELL DESTRUCTION

See attached
- G. SPECIAL CONDITIONS

See attached

TECHNICAL PROJECTS

Number of Boreholes _____	Maximum
and Diameter _____ in.	Depth _____ ft

EST. DATE OF STARTING DATE 8/14/01
EST. DATE OF COMPLETION DATE 8/14/01

APPROVED [Signature] DATE 8-13-01

Applicant agrees to comply with all requirements of this permit and Alameda County Ordinance No. 73-68.

APPLICANT'S SIGNATURE [Signature] DATE 8/13/01



ALAMEDA COUNTY PUBLIC WORKS AGENCY

WATER RESOURCES SECTION

354 Blunkner St Hayward, CA 94544
PHONE (510) 670-5554 FAX (510) 782-1939

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

FOR OFFICE USE

LOCATION OF PROJECT Liquid Sugars Inc
1275 66th Street
Emeryville CA

PERMIT NUMBER W01-685
WELL NUMBER _____
APN _____

Customer (applicant's) Source _____ ft. Accuracy _____ ft.
_____ ft. Accuracy _____ ft.

PERMIT CONDITIONS

Cities Permit Requirements Apply

CLIENT Liquid Sugars Inc
Address P.O. Box 96 Phone 510/777-9710
City OAKLAND Co. 94604

- A. GENERAL
 1. A permit application should be submitted so as to arrive at the ACPWA office five days prior to proposed starting date.
 2. Submit to ACPWA 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.

APPLICANT J.M. Gribi
Company Gribi Associates Fax 707/445-7762
Address 1250 Hayes St Phone 707/748-7743
City SONOMA CA Zip 94510

- B. WATER SUPPLY WELLS
 1. Minimum surface well thickness is two inches of cement grout placed by tremie.
 2. Minimum seal depth is 30 feet for municipal and industrial wells or 20 feet for domestic and irrigation wells unless a lesser depth is specially approved.

TYPE OF PROJECT

Geotechnical Investigation	<input type="checkbox"/>
General	<input type="checkbox"/>
Water Supply	<input type="checkbox"/>
Well Destruction	<input checked="" type="checkbox"/>

- C. GROUNDWATER MONITORING WELLS INCLUDING PIEZOMETERS
 1. Minimum surface well thickness is two inches of cement grout placed by tremie.
 2. Minimum seal depth for monitoring wells is the maximum depth permeable or 20 feet.

A. PROPOSED WATER SUPPLY WELL USE

Non-Domestic	<input type="checkbox"/>	Reassessment Category	<input type="checkbox"/>
Domestic	<input type="checkbox"/>	Industrial	<input type="checkbox"/>
Other	<input type="checkbox"/>	Other	<input type="checkbox"/>

- B. GEOTECHNICAL

Each 300 bore hole with compressed cuttings or heavy bentonite and upper two feet with compacted material. In areas of known or suspected contamination, tremie cement grout shall be used in place of compacted cuttings.

DRILLING METHOD
Air Rotary Auger
Other Pressure Grout

- E. CATHODIC

Fill hole above shade zone with concrete placed by tremie

PROBABLE LENSING 48516.5
WELL PROJECTS Greg Drilling
Well Diameter 8" Maximum Depth 20'
Minimum Seal Depth 4' Number HW-3

- D. WELL DESTRUCTION

See attached
- G. SPECIAL CONDITIONS

Pressure Grout

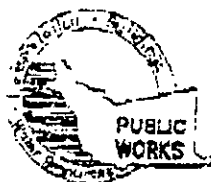
GEOTECHNICAL PROJECTS
Number of Bore Holes _____
Well Diameter _____ ft. Maximum Depth _____ ft.

APPROVED _____ DATE 8-13-01

21. VALID PERMITTING DATE 8/14/01
22. MAXIMUM VALIDATION DATE 8/14/01

I hereby agree to comply with all conditions of this permit and Alameda County Ordinance No. 73-88.

APPLICANT SIGNATURE [Signature] DATE 8/13/01



ALAMEDA COUNTY PUBLIC WORKS AGENCY

WATER RESOURCES SECTION

374 Colma Blvd Hayward, CA 94546
PHONE (510) 670-5554 FAX (510) 672-1935

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

FOR OFFICE USE

LOCATION OF PROJECT Liquid Sugars Inc
1275 66th Street
Emeryville CA

PERMIT NUMBER W01-086
WELL NUMBER _____
APP# _____

To Obtain Current Report Source _____ At Addressing Agency _____
_____ A. CCB _____ B. _____

PERMIT CONDITIONS

Circle Permit Requirements Apply

APPLICANT Liquid Sugars Inc
PO Box 95 Phone 510/777-4710
OAKLAND Zip 94604

A. GENERAL

1. A permit application should be submitted to us in advance of the ACPWA office five days prior to proposed starting date.
2. Submit to ACPWA 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 plot for geotechnical projects.
3. Permit is void if project not begun within 90 days of approval date.

APPLICANT JIM Gribi
Gribi Associates Fax 707/445-1723
1350 Hayes St #C-14 Phone 707/445-1743
BENICIA CA Zip 94510

B. WATER SUPPLY WELLS

1. Minimum surface seal thickness is two inches of cement grout placed by tremie.
2. Minimum seal depth is 30 feet for municipal and industrial wells or 20 feet for domestic and irrigation wells unless a lesser depth is specially approved.

TYPE OF PROJECT

Water Supply	1	Customized Invert-gauge	_____
Industrial	2	General	_____
Municipal	3	Construction	_____
Other	4	Well Destructive	_____

C. GROUNDWATER MONITORING WELLS INCLUDING PIEZOMETERS

1. Minimum surface seal thickness is two inches of cement grout placed by tremie.
2. Minimum seal depth for monitoring wells is the maximum depth permissible or 20 feet.

PROPOSED WATER SUPPLY WELL USE

Non-Domestic	1	Replacement Domestic	_____
Municipal	2	Mixing	_____
Industrial	3	Other	_____

D. GEOTECHNICAL

Backfill bore hole with compacted sanding or heavy bentonite and upper two feet with compacted material. If area of known or suspected contamination, cement grout shall be used in place of compacted sanding.

DRILLING METHOD
Air Rotary Auger
Other Pressure Grout

E. CATHODIC

Fill hole above anode zone with concrete placed by tremie.

DRILLER'S LICENSE NO 485165

F. WELL DESTRUCTION

See attached

WELL PROJECTS

Minimum Diameter	<u>8"</u>	Maximum Depth	<u>20'</u>
Minimum Depth	<u>7'</u>	Number	<u>1 MW-4</u>
Maximum Depth	<u>4'</u>		

G. SPECIAL CONDITIONS

Pressure Grout

GEOTECHNICAL PROJECTS

Number of Borings	_____	Maximum Diameter	_____
Minimum Diameter	_____		

START DATE 8/14/01
COMPLETION DATE 8/14/01

APPROVED [Signature] DATE 8-14-01

Permittee to comply with all requirements of this permit and Alameda County Ordinance No. 73-08.

APPLICANT'S SIGNATURE [Signature] DATE 8/13/01



ALAMEDA COUNTY PUBLIC WORKS AGENCY

WATER RESOURCES SECTION

350 Bluff St Hayward, CA 94544
PHONE (510) 670-5554

FAX (510) 782-1939

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

FOR OFFICE USE

LOCATION OF PROJECT: Liquid Sugars Inc
1775 66th Street
Emeryville CA

PERMIT NUMBER: W01-687
WELL NUMBER: _____
APN: _____

City/County: OAKLAND Agency: A.C.C.E.

PERMIT CONDITIONS

Circled Permit Requirements Apply

APPLICANT: Liquid Sugars Inc
Address: Box 96 Phone: 510/777-9710
City: OAKLAND Zip: 94604

A. GENERAL

1. A permit application should be submitted to the office of the ACPWA office five days prior to proposed starting date.
2. Submit to ACPWA within 60 days after completion of permitted work the original Department of Water Resources Water Well Drilling 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.

APPLICANT: Jim Gribi
Address: 1877 Hayes St Phone: 415/748-1763
City: OAKLAND Zip: 94612

B. WATER SUPPLY WELLS

1. Minimum surface seal thickness is two inches of cement grout placed by tremie.
2. Minimum seal depth is 60 feet for municipal and industrial wells or 20 feet for domestic and irrigation wells unless a lesser depth is specially approved.

Geotechnical Investigation	_____
Design	_____
Construction	_____
Well Destruction	<input checked="" type="checkbox"/>

C. GROUNDWATER MONITORING WELLS INCLUDING PIEZOMETERS

1. Minimum surface seal thickness is two inches of cement grout placed by tremie.
2. Minimum seal depth for monitoring wells is the maximum depth practicable or 25 feet.

Residential, Domestic	<input type="checkbox"/>
Industrial	<input type="checkbox"/>
Other	<input type="checkbox"/>

D. GEOTECHNICAL

Backfill bore hole with compressed cuttings or heavy bentonite and upper two feet with compressed grout. In areas of known or suspected contamination, tremie cement grout shall be used in place of compressed cuttings.

DRILLING NOTES: Pressure Grout

E. CATHODIC

Fill hole above anode zone with concrete placed by tremie.

WELLER'S LICENSE NO. 485165

F. WELL DESTRUCTION

See attached

WELL PROJECTS: Gregg Drilling
Casing Diameter: 8" Maximum Depth: 20'
Surface Seal Depth: 4' Number: 1 MW-5

G. SPECIAL CONDITIONS

Pressure Grout

GEOTECHNICAL PROJECTS: None

APPROVED: [Signature] DATE: 8-13-01

ISSUANCE DATE: 8/14/01
EXPIRATION DATE: 8/14/01

APPLICANT: [Signature] DATE: 8/13/01

APPENDIX B
WELL COMPLETION RECORDS

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

CONFIDENTIAL

**STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)**

REMOVED

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

LIQUID SUGARS, INC.
1285 66TH STREET

LIQUID SUGARS, INC.
1275 66TH STREET

OFFICES

WAREHOUSE

LOCATION OF FORMER
MOHAWK BERMED AST AREA

FORMER MOHAWK
LOADING RACK

BOILER
ROOM

1280 65TH STREET
AUTUMN PRESS

RAILSPUR

LOCATION OF 3
FORMER USTS

MW-1

MW-2

MW-5

MAINTENANCE
SHOP

NOTES

⊕ - WELL LOCATION

0 25 50

APPROX. SCALE IN FEET

MW-4

SIDEWALK

MW-3

65TH STREET

DESIGNED BY:

CHECKED BY:

SITE PLAN

DATE: 07/01/99

FIGURE: 1

DRAWN BY: JG

SCALE:

LIQUID SUGARS, INC. SITE
1275 & 1285 66TH STREET
EMERYVILLE, CALIFORNIA

GRIBI Associates

PROJECT NO: 149-01-03