

Western Operations

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Clayton
ENVIRONMENTAL
CONSULTANTS

July 17, 1992

Clayton Project No. 40739.01

Dr. Ravi Arulanantham
Hazardous Materials Specialist
ALAMEDA COUNTY HEALTH CARE SERVICES
80 Swan Way, Suite 200
Oakland, California 94303

Subject: Workplan Addendum for Busick Air Conditioning
located at 6341 Scarlett Court, Dublin, California

Dear Dr. Arulanantham:

This letter responds to your telephone conversation with Mr. Alan D. Gibbs requesting additional information about the proposed work recommended for the subject site (Figure 1).

On April 10, 1992, Clayton installed three additional monitoring wells (MW-3, MW-4, and MW-5) at the subject site (Figure 2). Laboratory results are summarized in Table 1, and well construction details are summarized in Tables 2 and 3. Table 4 summarizes laboratory data from previously installed monitoring wells (MW-1, MW-2 and MW-3). Additional information is supplied in Appendix A through F for your review. A more detailed report will be prepared upon completion of the subsurface investigation.

The groundwater flow direction at the site is calculated to have a south to southwest flow direction, based on the well survey shown in Appendix A.

Samples from the newly installed downgradient monitoring wells were found to contain chlorinated solvents (trichloroethene and CIS-1,2 dichloroethene) which exceed the regulatory guidelines for drinking water standards.

Clayton proposes to install an additional three monitoring wells downgradient to further define the downgradient extent of solvent migration in the site's groundwater. These proposed wells are approximately located in Figure 2.

SCOPE OF WORK

Task 1: Drum Disposal

Clayton will coordinate the disposal of the existing 31 drums currently onsite.

40739-01.17

Dr. Ravi Arulanantham
Alameda County Health Care Services
July 17, 1992

Page 2
Clayton Project No. 40739.01

Eighteen of these drums contain soil and thirteen contain well purge water. Upon completion of the drum disposal, Clayton will provide you with a letter to confirm that the drums were disposed of properly.

Clayton understands that the Alameda County Health Care Services (ACHCS) will allow the evaporation of 13 well purge water drums as a means of disposal.

Task 2: Installation and Sampling of Three Additional Monitoring Wells

Clayton will install an additional three monitoring wells utilizing the protocol outlined as approved in our original work plan submitted to the ACHCS on October 31, 1990.

Groundwater from the new wells and the existing wells will be sampled and analyzed by EPA Method 601/602 for combined purgeables. A licensed land surveyor will survey the locations of the three new monitoring wells.

We would appreciate your earliest review and recommendations regarding our work plan for the subject site. If you have any questions, please call me at (510) 426-2676, or Richard Silva at (510) 426-2670.

Sincerely,

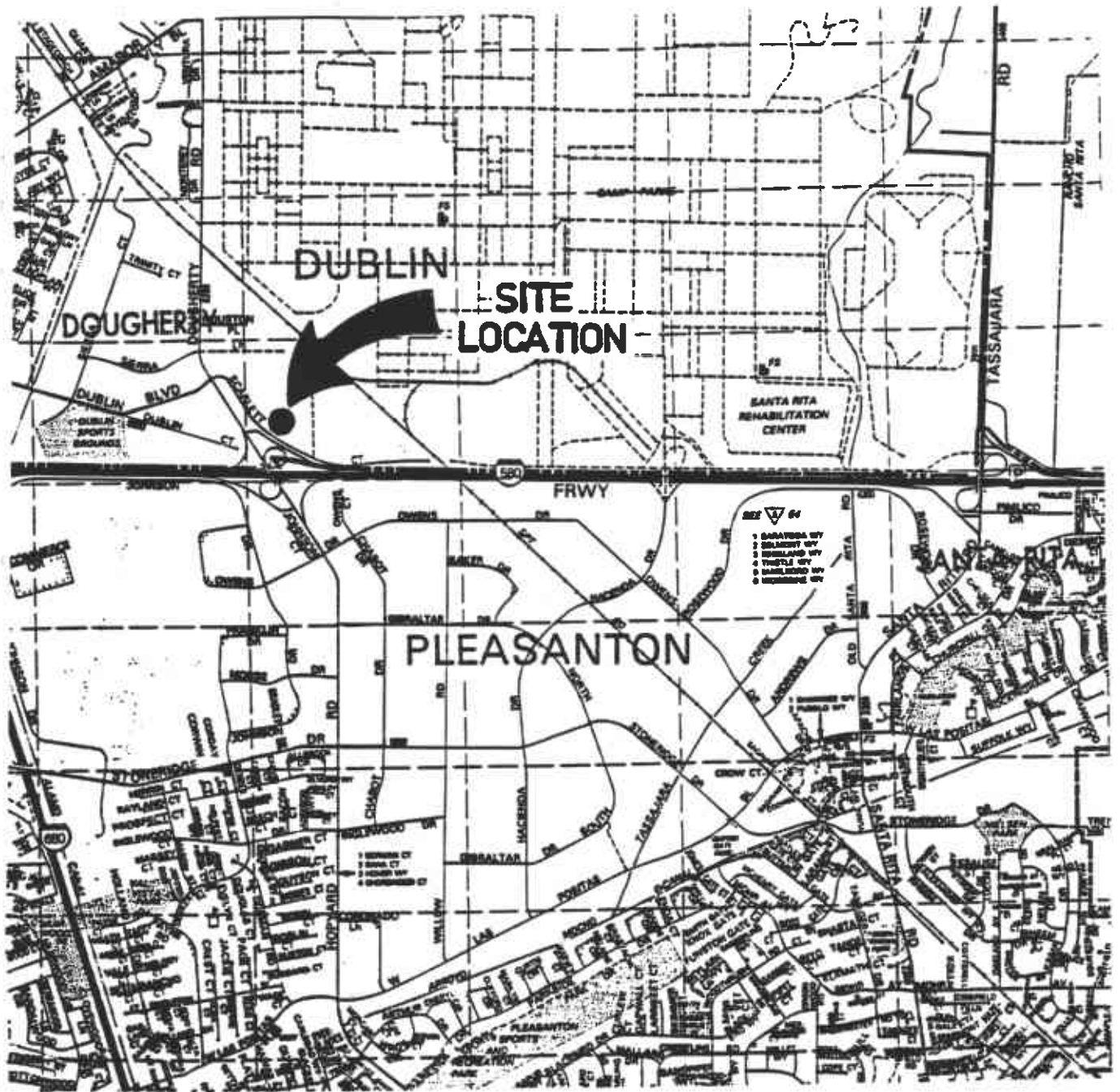


Alan D. Gibbs, R.G.
Supervisor, Geology
Western Operations

ADG/kls
Enclosures

cc: Doreen Green

Approved
Ravi
8/21/92



Site Location Map
 BUSICK AIR
 6341 Scarlett Court
 Dublin, California

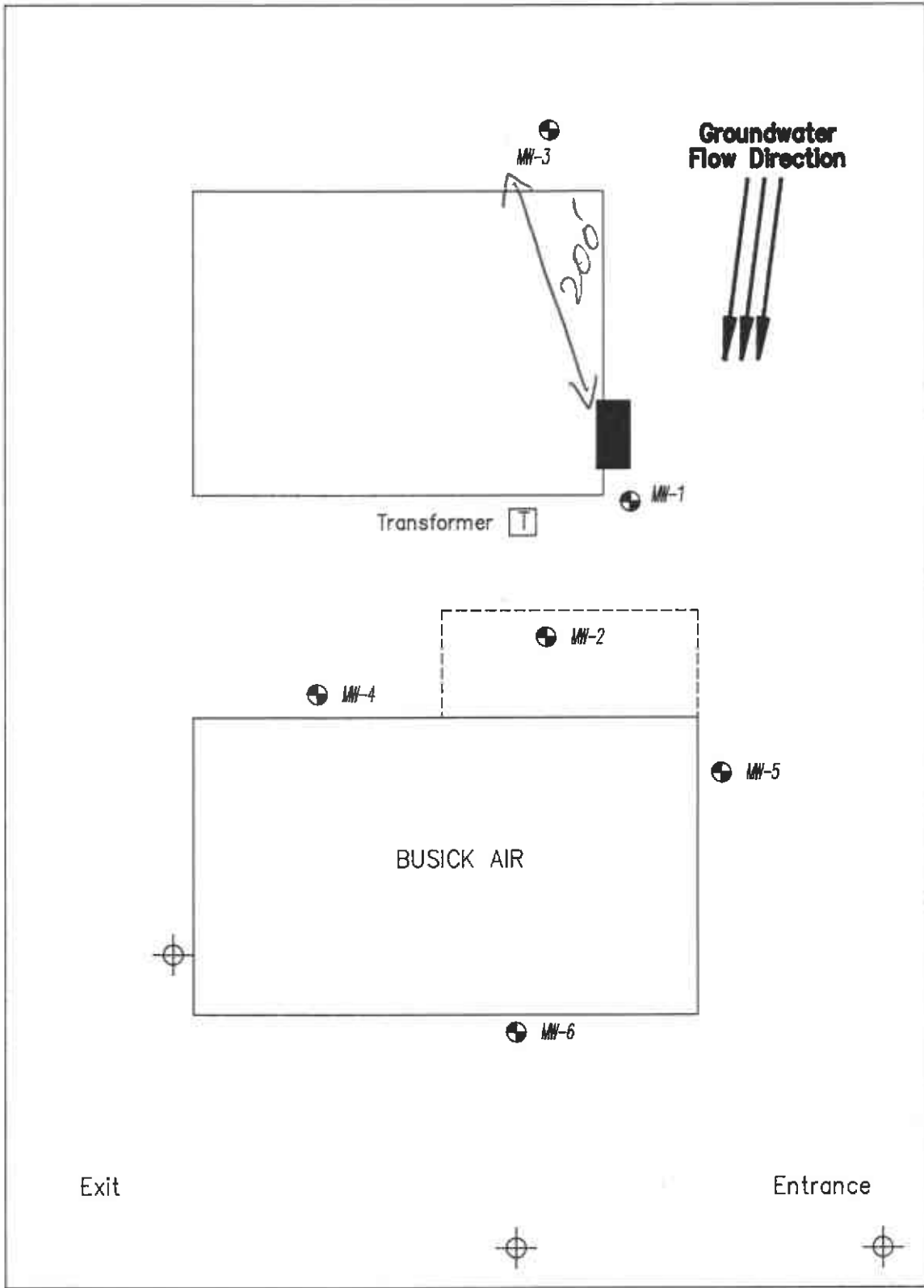
Clayton Project No. 40739.00



Figure

1

40739-00-16

Clayton
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-  Proposed Monitoring Well
-  Existing Monitoring Well

(not to scale)

Monitoring Well Locations
 BUSICK AIR
 6341 Scarlett Court
 Dublin, California
 Clayton Proposal No. 92-B-152

Figure
 2

Clayton
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92152-00-16

Table 1

**Summary of Groundwater Analytical Results
for Samples Collected April 20, 1992
at
Busick Air Conditioning
6341 Scarlett Court
Dublin, California**

Compound	MW-4 (ppb)	MW-5 (ppb)	MW-6 (ppb)	Regulatory Guidelines
Trichloroethene	18	7.5	41	5 ¹
Cis-1,2-dichloroethene	0.5	<0.4	<0.4	6 ²

Table Notes

ppb = Parts per billion
<0.4 = Not detected at or above limit of detection

¹ = MCL for drinking water standards (DHS)
² = California DHS action levels

Regulatory guidelines are taken from Jon B. Marshack's "A Compilation of Water Quality Goals, October 1990."

Table 2

**Well Construction Details
for
Monitoring Wells Located at
Busick Air Conditioning
6341 Scarlett Court
Dublin, California
April 20, 1992**

Well Number	Total Depth (feet bgs)	Top of Screened Interval (feet bgs)	Diameter (Inches)
MW-4	14.94	4.0	4
MW-5	14.40	4.0	4
MW-6	14.21	4.0	4

bgs = below ground surface

Table 3
Depth to Groundwater and Groundwater Elevations
on
September 4, 1991

Busick Air Conditioning
6341 Scarlett Court
Dublin, California

Monitoring Well	Surface Elevation of Well Casing (feet)	Depth to Groundwater (feet)	Groundwater Elevation (feet)
MW-4	325.09	4.40	320.69
MW-5	325.12	4.40	320.72
MW-6	324.55	4.12	320.43

Well elevations are surveyed on the north sides of the PVC casing

Surveyed to mean sea level by licensed land surveyor, Bruce T. Tronoff

Table 4

**Summary of Groundwater Analytical Results
for
Busick Air Conditioning
6341 Scarlett Court
Dublin, California**

November 1990 to February 1992

Chemical Constituent	Monitoring Well MW-1 (ppb)		Monitoring Well MW-2 (ppb)		Monitoring Well MW-3 (ppb)		Regulatory Guidelines (ppb)
	11/90	2/92	7/91	2/92	7/91	2/92	
1,1-dichloroethene	<100	<20	<100	<200	9.4	11	6 ⁽¹⁾
1,1-dichloroethane	<200	<40	<200	<400	1.0	0.7	5 ⁽²⁾
Trans-1,2-dichloroethene	<200	250	<200	<400	<0.4	<0.4	10 ⁽²⁾
Cis-1,2-dichloroethene	4,400	4,300	1,400	2,200	<0.4	<0.4	6 ⁽²⁾
1,2-dichloroethane	<200	<30	<200	<300	<0.3	<0.3	0.5 ⁽³⁾
Trichloroethene	10,000	7,300	27,000	56,000	<0.3	<0.3	5 ⁽³⁾
Tetrachloroethene	<300	<50	500	600	<0.5	<0.5	5 ⁽¹⁾

Table Notes

<0.2 = detection limits

ppb = parts per billion which is approximately equal to micrograms per liter ($\mu\text{g/L}$)

(1) Maximum Contaminant Level (MCL) for Drinking Water Standards (EPA & DHS)

(2) California State Action Levels (DHS)

(3) MCL for Drinking Water Standards (DHS)

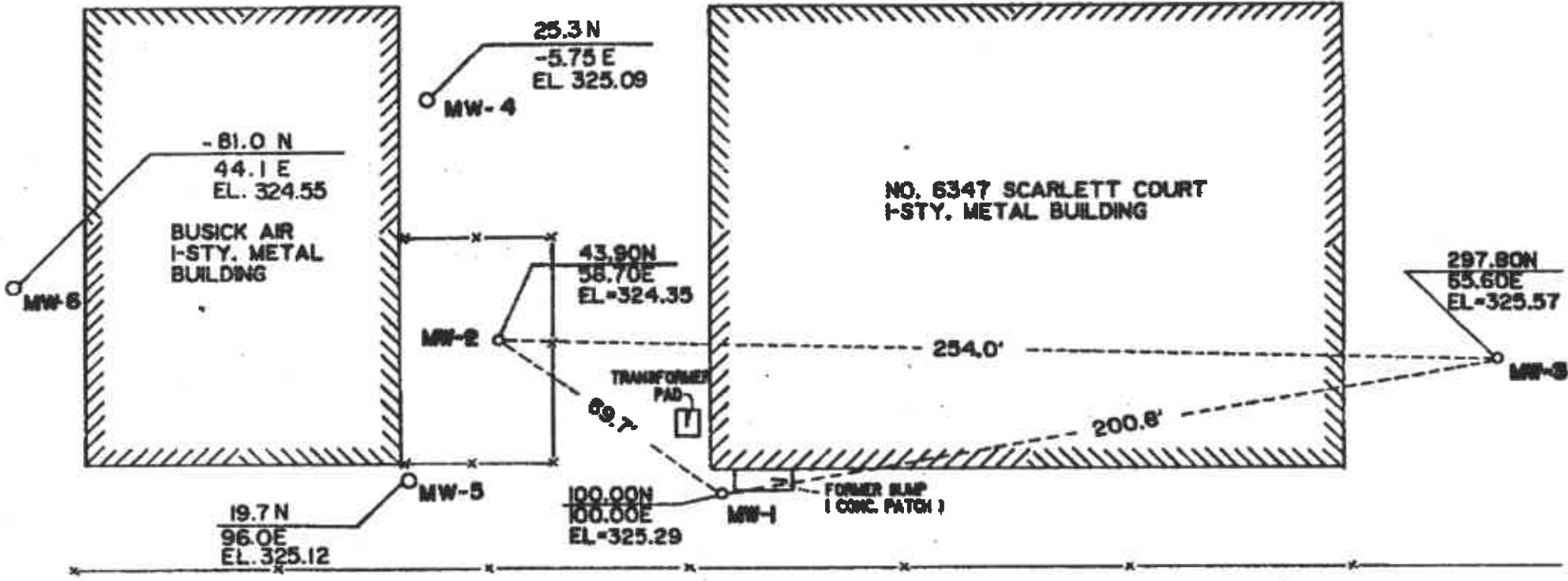
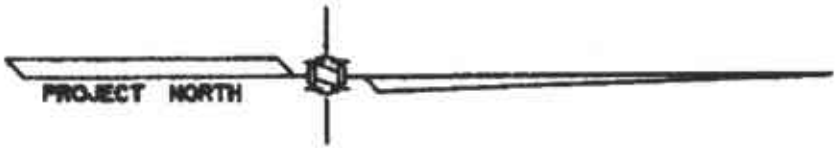
Regulatory Guidelines are taken from Jon B. Marshack's, *A Compilation of Water Quality Goals, October 1990*.

APPENDIX A

SURVEYED SITE MAP

JUL 04 1992 10:20 AM 07:07

1 E L .



LEW DOTY CADILLAC

MONITORING WELL LOCATION
BUSICK AIR
6341 SCARLETT COURT
DUBLIN, CALIFORNIA

FOR

CLAYTON ENVIRONMENTAL CONSULTANTS

BY

BRUCE T. TRONOFF - LAND SURVEYOR

516 HUBBLE STREET DAVIS, CA. 95616
(916) 758-4589

SCALE 1"=40'

AUGUST 28, 1991

NOTES :

- 1. VERTICAL DATUM - MEAN SEA LEVEL.
- 2. ELEVATIONS ARE ON NORTH SIDE PVC CASING.

REVISIONS:

- 1. 05/19/92 - ADDED MW'S 4,5 & 6.
- 2. 06/02/92 - MW-6.

APPENDIX B

**MONITORING WELL CONSTRUCTION PERMIT AND
SCHEMATIC FOR MW-4, MW-5, AND MW-6**



ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

5997 PARKSIDE DRIVE PLEASANTON, CALIFORNIA 94588 (415) 484-2600

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

FOR OFFICE USE

LOCATION OF PROJECT 6341 Scarlett Court Dublin, California

PERMIT NUMBER 92159 LOCATION NUMBER

CLIENT Name Busick Air Conditioning Address 6341 Scarlett Ct. Phone (510) 828-1780 City Dublin, CA Zip 94568

PERMIT CONDITIONS

Circled Permit Requirements Apply

APPLICANT Name Clayton Environmental Consultants Address P.O. Box 9019 Phone (510) 426-2676 City Pleasanton, CA Zip 94566

TYPE OF PROJECT Well Construction Geotechnical Investigation Cathodic Protection General Water Supply Contamination X Monitoring XX Well Destruction

PROPOSED WATER SUPPLY WELL USE Domestic Industrial Other Municipal Irrigation

DRILLING METHOD: Mud Rotary Air Rotary Auger XX Cable Other

DRILLER'S LICENSE NO. C57-487000

WELL PROJECTS Drill Hole Diameter 10 in. Maximum Casing Diameter 4 in. Depth 15 ft. Surface Seal Depth 4 ft. Number 3

GEOTECHNICAL PROJECTS Number of Borings Maximum Hole Diameter in. Depth ft.

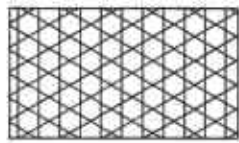
ESTIMATED STARTING DATE April 10, 1992 ESTIMATED COMPLETION DATE April 10, 1992

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

- 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.

Approved Wyman Hong Date 6 Apr 92

APPLICANT'S SIGNATURE Thomas Meichtry Date 4/2/92 Thomas Meichtry Manager



Concrete



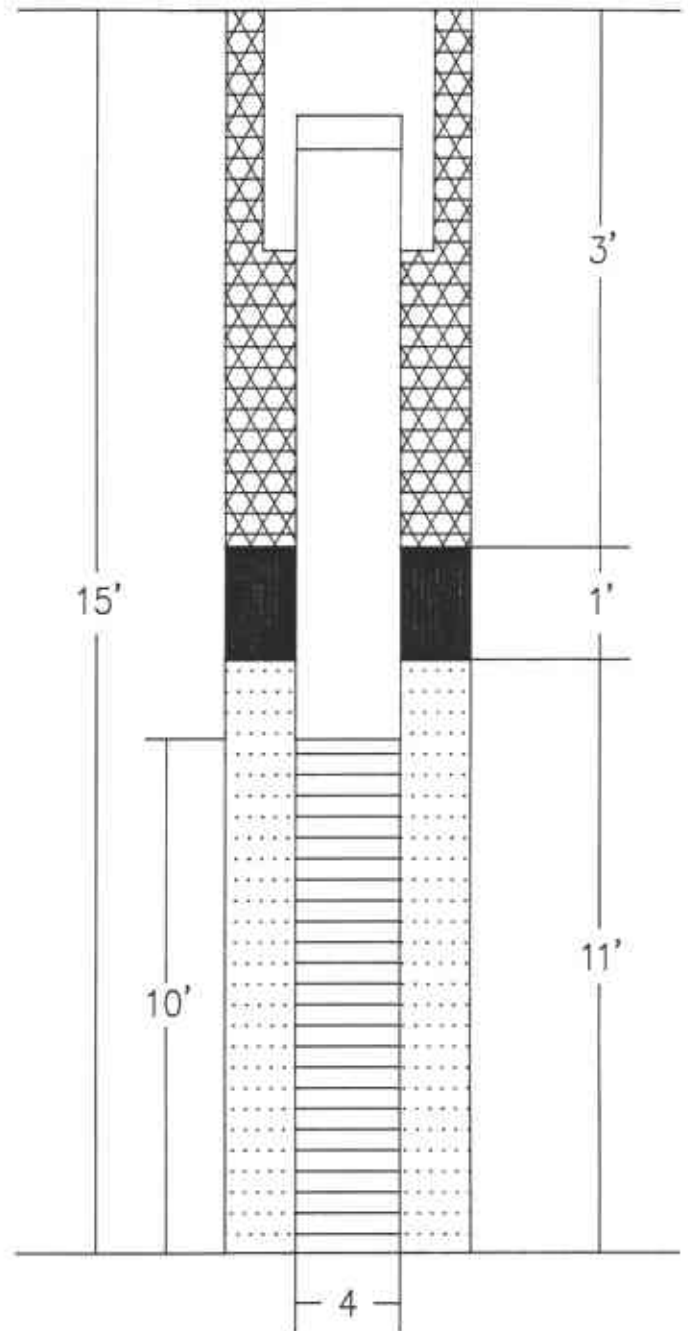
Bentonite



Sand #2/12



0.01" Slotted
Screen



Monitoring Well Diagram (MW-4, MW-5, MW-6)
 BUSICK AIR
 6341 Scarlett Court
 Dublin, California

Clayton Project No. 40739.00

Figure

4

Clayton
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40739-00-19

APPENDIX C

**CLAYTON'S DRILLING, WELL CONSTRUCTION, AND
SAMPLING PROTOCOLS**

**DRILLING, WELL CONSTRUCTION, AND SAMPLING PROTOCOLS
FOR
BOREHOLE/MONITORING WELL INSTALLATION**

BOREHOLE INSTALLATION

Clayton Environmental Consultants, Inc. acquires the proper governmental agency permits to bore, drill, or destroy all proposed boreholes and monitoring wells that intersect with groundwater aquifers and writes a health and safety plan.

Clayton subcontracts only with drillers who possess a current C-57 water well contractor's license issued by the State of California and whose personnel have attended the OSHA 40-hour Hazardous Materials Safety Training. Prior to starting work, a "tailgate" safety meeting including discussion of the safety hazards and precautions relevant to the particular job will be held with all personnel working on the job. Well drillers are identified on permit applications.

Borings are drilled dry by hollow- or solid-stem, continuous flight augers. Augers, drill rods, and other working components of the drilling rig are steam-cleaned before arriving onsite to prevent the introduction of contaminants. These components are also steam-cleaned between borings away from boring locations. Cleaned augers, rods, and other components are stored, and/or covered when not in use.

Our bore logs include a detailed description of subsurface stratigraphy. Clayton examines the soil brought to the surface by drilling operations, and samples undisturbed soil every 5 feet or as otherwise specified. Soil cuttings are screened for hydrocarbon contamination using a photoionization detector. Boring logs are filled out in the field by a professional geologist, civil engineer, engineering geologist who is registered by the State of California, or a technician who is trained and working under the supervision of one of the previously mentioned persons, using the Unified Soil Classification System.

SOIL SAMPLING

Soil samples are taken every 5 feet, at areas of obvious contamination, or as otherwise specified, with a California modified split-spoon sampler that is lined with three six-inch brass tubes. The sampler and rod are inserted into the borehole to the current depth and a hammer of known weight and height above the sampler are allowed to free-fall onto the rod, advancing the assembly 18 inches into undisturbed soil. Clayton uses the number of blows necessary to drive the sampler into the ground to help evaluate the consistency of materials encountered. The sampler is then pulled from the borehole and disassembled, and the three brass tubes are separated for inspection and labeling.

Clayton uses new brass liners or liners cleaned with a trisodium phosphate (TSP) solution, double rinsed with clean tap water, and air dried prior to each sampling. The sampler is also

cleaned with TSP and rinsed with tap water between sampling events.

Soil samples selected for laboratory analysis are left in the brass liners, sealed with aluminum foil and plastic caps, taped for air tightness, labeled, and immediately placed into a pre-cooled ice chest chilled to less than 4°C. Labels contain the following information: site name, date and time sampled, borehole number and depth, and the sampler's initials. The samples are transported under chain-of-custody to a state-certified laboratory. The laboratory analyzes soil samples within the prescribed holding time, storing them at temperatures below 4°C at all times.

Pending results of laboratory analysis, excess drilling and sampling cuttings are placed into Department of Transportation (DOT)-approved drums, labeled with the name of the site, address, and well number, and left at the site. Uncontaminated soil may be disposed of by the client. Soil found to contain levels of contaminants above local or state action levels will require that the client dispose of it in accordance with hazardous waste regulations. At the client's request, we will assist with the disposal of contaminated soil.

WELL CONSTRUCTION

Boreholes are converted to monitoring wells by placing 2-inch or 4-inch diameter well casing with flush-threaded joints and slotted screen into the borehole. Construction materials include polyvinyl chloride (PVC), stainless steel, or low carbon steel. The most suitable material for a particular installation will depend on the parameters to be monitored. All screens and casings used are in a contaminant-free condition when placed in the ground. No thread lubrication is used, other than teflon tape, for connecting the casing segments.

Wells extend at least 10 feet into the upper saturated zone, but do not extend through any clay layers greater than 5 feet that are below the shallow water table. The standard practice for wells installed at hydrocarbon contamination sites is to construct a well with a 20-foot long perforated interval extending 15 feet below and 5 feet above the water table in an unconfined aquifer. The top of the well is solid casing. The annular space of the borehole is backfilled with washed, kiln-dried sand to a point at least 1 foot above the slotted screen. A seal above the filter pack is formed by placing a 1- to 2-foot layer of bentonite pellets on top of the sand. The bentonite pellets are moistened by pouring clean tap water down the hole so that they can expand and seal the annulus. A neat cement grout is placed above the bentonite seal and brought to the ground surface.

Well casings are protected from surface contamination, accidental damage, and unauthorized entry or tampering with water-tight locking caps on the well casings. The caps are usually surrounded by a concrete vault. Wells are clearly identified with a metal tag or other device where the following information is recorded: well number, depth to water, depth of well, casing data including location of screened interval.

WELL DEVELOPMENT

The well seal in newly developed wells must set up for 48 to 72 hours prior to development. Since development of the well can volatilize contaminants present, the well must also settle for at least 48 to 72 hours between development and the first purging/sampling incident.

All monitoring wells are initially developed to clean the well and stabilize sand, gravel, and disturbed aquifer materials around the screened internal perforations. Wells are developed by pumping (or bailing) and surging until water turbidity and specific conductance stabilize. In some cases, where wells are installed in low permeability formations and the wells purge dry, the well is allowed to recover and is purged dry three times. Clean tap water is introduced into the well if it does not recover rapidly enough.

Pending results by laboratory analysis, purge water from well development and sampling is placed into DOT-approved drums, labeled with the name of the site, address, well number, and left at the site. Uncontaminated water may be disposed of by the client. Water found to contain levels of contaminants above local or state action levels requires that the client dispose of it in accordance with hazardous waste requirements. At the client's request, we can assist with the disposal of contaminated purge water.

GROUNDWATER SAMPLING

To collect a representative sample of the groundwater, stagnant water within the well casing and filter material must be purged and fresh aquifer water allowed to replace it. The water is purged from the well by pumping or bailing at least three well volumes. Well volumes are calculated by measuring depth to groundwater to the nearest 0.01 foot upon arrival at the well before any purging has begun. Groundwater samples are collected only after purging has been of sufficient duration for pH, temperature, and electrical conductivity to stabilize. When purging low-yield wells, the wells are purged to dryness. When the well recovers to 80% of the depth measured upon arrival, samples are collected.

Field sampling logs maintained for each well include:

- Monitoring well identification
- Static water level, before and after pumping
- Well depth
- Condition of water prior to purging (e.g., amount of free product)
- Purge rate and volume
- pH, temperature, and conductivity during purging
- Time purged
- Time of sample collection
- Sampling method
- Name of sampler
- Climatic conditions

Water samples are collected using clean teflon bailers. All equipment that contacts samples is thoroughly cleaned before arrival at the site and between sampling events.

Water is collected in clean laboratory-supplied containers, labeled, placed immediately into an ice chest pre-cooled to 4°C, and transported to Clayton's laboratory for analysis. One trip blank will be furnished in accordance with our quality assurance/quality control (QA/QC) program.

All samples are collected in such a manner so as to minimize the volatilization of a sample due to agitation and/or transfer from bailer to sample container. Samples are collected so

that contaminants most sensitive to volatilization are sampled first.

Preservatives are not added to any sample, unless instructed. If requested, they are supplied by Clayton's laboratory.

All sample containers are labeled in the field. Labels contain the following information: project name, sample identification number, project number, date and time of collection, and sampler's initials.

Under no circumstances are sealed sample containers opened by anyone other than the laboratory personnel who perform the requested analyses. If it is necessary for samples or sample chests to leave the immediate control of the sampler prior to delivery to the laboratory, for example during shipment by Federal Express, a custody seal is placed on each sample container and/or sample chest to ensure that the samples have not been tampered with during transportation. The custody seal is signed by the sampler, and the date and time that the seal was placed is recorded. The elapsed time between sample collection and delivery to the laboratory never exceeds 48 hours. Water samples are not held for more than 14 days prior to analysis and are kept at 4°C at all times.

To document and trace samples from time of collection, a signed chain-of-custody record is filled out by the sampler and accompanies the samples through the laboratory analyses. The completed chain-of-custody is included with the analytical report from the laboratory.

REFERENCES

Groundwater Monitoring Guidelines, Revised February 1990. Alameda County District Groundwater Protection Program.

Leaking Underground Fuel Tank (LUFT) Field Manual: Guidelines for Site Assessment, Cleanup, and Underground Tank Closure, May 1988. State of California LUFT Task Force.

Regional Board Staff Recommendations for Initial Evaluation and Investigation of Underground Tanks, Revised November 1989. North Coast, San Francisco Bay, and Central Valley regions of the California State Water Quality Control Board.

Standards for the Construction and Destruction of Wells and Other Deep Excavations in Santa Clara County, Revised June 1989. Santa Clara Valley Water District.

APPENDIX D

BOREHOLE LITHOLOGIC LOGS

LOG OF EXPLORATORY BORING						Project No.: 40739.00	Date: April 10, 1992	BORING NO. MW-4	
Field Location of Boring: Southwest of former UST (see figures).						Drilling Method: Continuous-flight, hollow-stem auger			
						Hole Diameter: 10.5"			
Ground Elevation: _____ Datum: _____						Casing Installation Data: Screen 15'-5"; solid 5'-0"; sand 15'-4"; bentonite 4'-3"; grout 3'-surface			
Blow Count	PID OVA (ppm)	D E P T H	S A M P L E	Soil Group Symbol (uses)	Litho-graphic Symbol	Water Level	3.65	4.58	
						Time	1520	1321	
						Date	4/14/92	4/20/92	
DESCRIPTION									
		1		GM		Gravel fill, brownish, moist, poorly graded			
		2		CL		Silty clay, very dark gray (7.5 YR 3/0), moist, low plasticity, no odor			
		3							
		4		CL		Silty clay, very dark grayish brown (10 YR 3/2), very moist, low plasticity, no odor			
		5		v					
		6							
		7							
		8		CL		Silty clay, grayish brown (10 YR 5/2), saturated, low plasticity, no odor			
		9							
		10							
		11							
		12							
		13							
		14				Silty clay, light brownish gray (10 YR 6/2), saturated, low plasticity, no odor			
		15				Terminate boring at 15', set well at 15'			
		16							
		17							
		18							

LOG OF EXPLORATORY BORING						Project No.: 40739.00 Client: Busick Air Location: 6341 Scarlett Court, Dublin, California Logged By: R. Silva	Date: April 10, 1992 Driller: West Hazmat	BORING NO. MW-5 Sheet 1 of 1	
Field Location of Boring: East of main office building and downgradient of former UST (see figures). Ground Elevation: _____ Datum: _____						Drilling Method: Continuous-flight, hollow-stem auger Hole Diameter: 10.5" Casing Installation Data: Screen 15'-5"; solid 5'-0"; sand 15'-4"; bentonite 4'-3"; grout 3'-surface			
Blow Count	PID — OVA (ppm)	D E P T H	S A M P L E	Soil Group Symbol (uses)	Litho- graphic Symbol	Water Level	3.82	5.47	
						Time	1440	1228	
						Date	4/14/92	4/20/92	
DESCRIPTION									
		1		GM		Gravel fill, brownish, moist, poorly graded			
		2		CL		Silty clay, very dark gray (7.5 YR 3/0), moist, low plasticity, no odor			
		3							
		4		▽					
		5							
		6							
		7		CL		Silty clay, very dark grayish brown (10 YR 3/2), very moist, low plasticity, no odor			
		8							
		9							
		10							
		11							
		12							
		13							
		14		CL		Silty clay, grayish brown (10 YR 5/2), saturated, low plasticity, no odor			
		15				Terminate boring at 15'; set well at 15'			
		16							
		17							
		18							

LOG OF EXPLORATORY BORING						Project No.: 40739.00 Date: April 10, 1992		BORING NO. MW-6						
Field Location of Boring: South of main office building near Scarlett Court (see figures). Ground Elevation: Datum:						Drilling Method: Continuous-flight, hollow-stem auger Hole Diameter: 10.5" Casing Installation Data: Screen 15'-5'; solid 5'-0'; sand 15'-4'; bentonite 4'-3'; grout 3'-surface						Sheet 1 of 1		
												Water Level	3.74	
Time	1340		1056											
Date	4/14/92		4/20/92											
Blow Count	PID --- OVA (ppm)	D E P T H	S A M P L E	Soil Group Symbol (uses)	Litho- graphic Symbol	DESCRIPTION								
		1		GM		Gravel fill, brownish, moist, poorly graded								
		2		CL		Silty clay, very dark gray (7.5 YR 3/0), moist, low plasticity, no odor								
		3		CL		Silty clay, very dark grayish brown (10 YR 3/2), very moist, low plasticity, no odor								
		4												
		5		▽										
		6												
		7												
		8		CL		Silty clay, grayish brown (10 YR 5/2), saturated, low plasticity, no odor								
		9												
		10												
		11												
		12												
		13												
		14												
		15				Terminate boring at 15'; set well at 15'								
		16												
		17												
		18												

APPENDIX E

WATER SAMPLING FIELD SURVEY FORMS

**CLAYTON ENVIRONMENTAL CONSULTANTS, INC.
WATER SAMPLING FIELD SURVEY FORM**

Job No: 40739.00

Site: Busick Air

Date: April 20, 1992

Well No: MW-4

Sampling Team: R. Silva

Sampling Method: Electric submersible pump for purging; disposable bailer for sampling

Field Conditions: Clear skies, warm, slight breeze, ~ 65°F

Describe Equipment Decontamination Before Sampling This Well:

Washed with concentrated cleaning solution, steam cleaned, and rinsed with deionized water

Total Depth of Well:

14.94 ft.

Time:

1321

Depth to Water Before Purging:

4.58 ft.

Volume Height of Water Column:

10.36 ft.

* 2-inch

.16

4-inch

.65

=

Volume

6.73 gals

*

Purge Factor

4

=

To Purge

26.94 gals.

Depth Purging From: 14 ft.

Time Purging Begins: 1332

Notes on Initial Discharge: Brownish, silty, no odor

Time	Volume Purged	pH	Conductivity	T	Comments
1333	10	7.03	415	17.2°C	Brownish, silty, no odor
1335	20	7.06	433	17.2°C	Brownish, silty, no odor
1338	30	7.02	439	17.8°C	Murky, no odor
1340	35	7.00	443	17.8°C	Murky, no odor

CLAYTON ENVIRONMENTAL CONSULTANTS, INC.
WATER SAMPLING FIELD SURVEY FORM
(CONTINUED)

Time Field Parameter Measurement Begins: 1406

	Rep #1	Rep #2	Rep #3	Rep #4
pH	7.15	7.12	7.06	7.04
Conductivity	434	438	434	430
T°C	17.8	17.8	17.8	17.8

Pre-Sample Collection Gallons Purged: 35
Time Sample Collection Begins: 1400
Time Sample Collection Ends: 1403
Total Gallons Purged: 36

Comments:

CLAYTON ENVIRONMENTAL CONSULTANTS, INC.
WATER SAMPLING FIELD SURVEY FORM

Job No: 40739.00

Site: Busick Air

Date: April 20, 1992

Well No: MW-5

Sampling Team: R. Silva

Sampling Method: Electric submersible pump for purging; disposable bailer for sampling

Field Conditions: Clear skies, warm, slight breeze, ~ 65°F

Describe Equipment Decontamination Before Sampling This Well:

Washed with concentrated cleaning solution, steam cleaned, and rinsed with deionized water

Total Depth of Well:

14.40 ft.

Time:

1228

Depth to Water Before Purging:

5.47 ft.

Volume Height of Water Column:

8.93 ft.

*

2-inch

.16

4-inch

.65

=

Volume

5.80 gals

*

Purge Factor

4

=

To Purge

23.22 gals.

Depth Purging From: 13 ft.

Time Purging Begins: 1243

Notes on Initial Discharge: Brownish, silty, no odor

Time	Volume Purged	pH	Conductivity	T	Comments
1244	5	6.90	557	17.8°C	Brownish, no odor
1245	10	6.91	569	17.8°C	Brownish, no odor
1246	15	6.91	572	17.8°C	Brownish, no odor
1247	20	6.94	561	17.8°C	Brownish, no odor
1248	25	6.87	588	17.8°C	Brownish, no odor

CLAYTON ENVIRONMENTAL CONSULTANTS, INC.
WATER SAMPLING FIELD SURVEY FORM
(CONTINUED)

Time Field Parameter Measurement Begins: 1307

	Rep #1	Rep #2	Rep #3	Rep #4
pH	6.93	6.94	6.94	6.95
Conductivity	553	554	545	559
T°C	17.8	17.8	17.8	17.8

Pre-Sample Collection Gallons Purged: 25
Time Sample Collection Begins: 1302
Time Sample Collection Ends: 1305
Total Gallons Purged: 26

Comments:

**CLAYTON ENVIRONMENTAL CONSULTANTS, INC.
WATER SAMPLING FIELD SURVEY FORM**

Job No: 40739.00

Site: Busick Air

Date: April 20, 1992

Well No: MW-6

Sampling Team: R. Silva

Sampling Method: Electric submersible pump for purging; disposable bailer for sampling

Field Conditions: Clear skies, warm, windy, ~ 60°F

Describe Equipment Decontamination Before Sampling This Well:

Washed with concentrated cleaning solution, steam cleaned, and rinsed with deionized water

Total Depth of Well: 14.21 ft.

Time: 1056

Depth to Water Before Purging: 3.52 ft.

Volume Height of Water Column: 10.69 ft. * 2-inch .16 4-inch .65 = Volume 6.95 gals * Purge Factor 4 = To Purge 27.79 gals.

Depth Purging From: 13 ft.

Time Purging Begins: 1109

Notes on Initial Discharge: Brownish, silty, no odor

Time	Volume Purged	pH	Conductivity	T	Comments
1112	10	7.35	844	18.9°C	Brownish, no odor
1116	20	6.87	888	18.9°C	Purged dry
1126	30	6.83	898	18.9°C	Brownish, no odor
1131	35	6.81	896	18.9°C	Purged dry

CLAYTON ENVIRONMENTAL CONSULTANTS, INC.
WATER SAMPLING FIELD SURVEY FORM
(CONTINUED)

Time Field Parameter Measurement Begins: 1205

	Rep #1	Rep #2	Rep #3	Rep #4
pH	6.71	6.69	6.69	6.69
Conductivity	917	926	937	930
T°C	18.9	18.9	18.9	18.9

Pre-Sample Collection Gallons Purged: 35
Time Sample Collection Begins: 1200
Time Sample Collection Ends: 1202
Total Gallons Purged: 36

Comments:

APPENDIX F

**LABORATORY ANALYTICAL REPORT FOR GROUNDWATER
SAMPLES COLLECTED APRIL 20, 1992**

Western Operations

1252 Quarry Lane
P.O. Box 9019
Pleasanton, CA 94566
(510) 426-2600
Fax (510) 426-0106

Clayton
ENVIRONMENTAL
CONSULTANTS

April 24, 1992

Mr. Richard Silva
CLAYTON ENVIRONMENTAL CONSULTANTS, INC.
1252 Quarry Lane
Pleasanton, CA 94566

Client Ref. 40739.00
Clayton Project No. 92042.32

Dear Mr. Silva:

Attached is our analytical laboratory report for the samples received on April 20, 1992. A copy of the Chain-of-Custody form acknowledging receipt of these samples is attached.

Please note that any unused portion of the samples will be disposed of 30 days after the date of this report, unless you have requested otherwise.

We appreciate the opportunity to be of assistance to you. If you have any questions, please contact Maryann Gambino, Client Services Supervisor, at (510) 426-2657.

Sincerely,

Michael Lynch Sr

Ronald H. Peters, CIH
Director, Laboratory Services
Western Operations

RHP/caa
Attachments

Results of Analysis
for
Busick Air

Client Reference: 40739.00
Clayton Project No. 92042.32

Sample Identification:	MW-4	Date Sampled:	04/20/92
Lab Number:	9204232-01A	Date Received:	04/20/92
Sample Matrix/Media:	WATER	Date Analyzed:	04/21/92
Analytical Method:	EPA 601		

Analyte	CAS #	Concentration (ug/L)	Limit of Detection (ug/L)
<u>Purgeable Halocarbons</u>			
Chloromethane	74-87-3	ND	0.6
Bromomethane	74-83-9	ND	0.7
Vinyl chloride	75-01-4	ND	0.5
Chloroethane	75-00-3	ND	0.5
Methylene chloride	75-09-2	ND	2
1,1-Dichloroethene	75-35-4	ND	0.2
1,1-Dichloroethane	75-35-3	ND	0.4
Trans-1,2-Dichloroethene	156-60-5	ND	0.4
Cis-1,2-Dichloroethene	156-59-2	0.5	0.4
Chloroform	67-66-3	ND	0.5
1,2-Dichloroethane	107-06-2	ND	0.3
1,1,1-Trichloroethane	71-55-6	ND	0.5
Carbon tetrachloride	56-23-5	ND	0.6
Bromodichloromethane	75-27-4	ND	0.7
1,2-Dichloropropane	78-87-5	ND	0.5
Cis-1,3-Dichloropropene	10061-01-5	ND	0.5
Trichloroethene	79-01-6	18	0.3
Dibromochloromethane	124-48-1	ND	0.6
1,1,2-Trichloroethane	79-00-5	ND	0.6
Trans-1,3-Dichloropropene	10061-02-6	ND	0.6

ND Not detected at or above limit of detection
-- Information not available or not applicable

Results of Analysis
for
Busick Air

Client Reference: 40739.00
Clayton Project No. 92042.32

Sample Identification: MW-4	Date Sampled: 04/20/92
Lab Number: 9204232-01A	Date Received: 04/20/92
Sample Matrix/Media: WATER	Date Analyzed: 04/21/92
Analytical Method: EPA 601	

Analyte	CAS #	Concentration (ug/L)	Limit of Detection (ug/L)
<u>Purgeable Halocarbons (continued)</u>			
2-Chloroethylvinylether	110-75-8	ND	1
Bromoform	75-25-2	ND	0.7
Tetrachloroethene	127-18-4	ND	0.5
1,1,2,2-Tetrachloroethane	79-34-5	ND	0.5
Chlorobenzene	108-90-7	ND	0.7
1,3-Dichlorobenzene	541-73-7	ND	2
1,2-Dichlorobenzene	95-50-1	ND	4
1,4-Dichlorobenzene	106-46-7	ND	4
Dichlorodifluoromethane	75-71-8	ND	1
Trichlorofluoromethane	75-69-4	ND	0.4
Freon 113	76-13-1	ND	0.6

ND Not detected at or above limit of detection
-- Information not available or not applicable

Results of Analysis
for
Busick Air

Client Reference: 40739.00
Clayton Project No. 92042.32

Sample Identification:	MW-4	Date Sampled:	04/20/92
Lab Number:	9204232-01A	Date Received:	04/20/92
Sample Matrix/Media:	WATER	Date Analyzed:	04/21/92
Analytical Method:	EPA 602		

Analyte	CAS #	Concentration (ug/L)	Limit of Detection (ug/L)	
			LCL	UCL
<u>Purgeable Aromatics</u>				
Benzene	71-43-2	ND		0.4
Chlorobenzene	108-90-7	ND		0.3
1,2-Dichlorobenzene	95-50-1	ND		0.5
1,3-Dichlorobenzene	541-73-7	ND		0.3
1,4-Dichlorobenzene	106-46-7	ND		0.5
Ethylbenzene	100-41-4	ND		0.3
Toluene	108-88-3	ND		0.3
p,m-Xylenes	---	ND		0.4
o-Xylene	95-47-6	ND		0.4
<u>Surrogates</u>				
		<u>Recovery (%)</u>	<u>QC Limits (%)</u>	
			LCL	UCL
Bromochloromethane	74-97-5	87	50	150
1,4-Difluorobenzene	540-36-3	98	50	150

ND Not detected at or above limit of detection
-- Information not available or not applicable

Results of Analysis
for
Busick Air

Client Reference: 40739.00
Clayton Project No. 92042.32

Sample Identification:	MW-5	Date Sampled:	04/20/92
Lab Number:	9204232-02A	Date Received:	04/20/92
Sample Matrix/Media:	WATER	Date Analyzed:	04/21/92
Analytical Method:	EPA 601		

Analyte	CAS #	Concentration (ug/L)	Limit of Detection (ug/L)
<u>Purgeable Halocarbons</u>			
Chloromethane	74-87-3	ND	0.6
Bromomethane	74-83-9	ND	0.7
Vinyl chloride	75-01-4	ND	0.5
Chloroethane	75-00-3	ND	0.5
Methylene chloride	75-09-2	ND	2
1,1-Dichloroethene	75-35-4	ND	0.2
1,1-Dichloroethane	75-35-3	ND	0.4
Trans-1,2-Dichloroethene	156-60-5	ND	0.4
Cis-1,2-Dichloroethene	156-59-2	ND	0.4
Chloroform	67-66-3	ND	0.5
1,2-Dichloroethane	107-06-2	ND	0.3
1,1,1-Trichloroethane	71-55-6	ND	0.5
Carbon tetrachloride	56-23-5	ND	0.6
Bromodichloromethane	75-27-4	ND	0.7
1,2-Dichloropropane	78-87-5	ND	0.5
Cis-1,3-Dichloropropene	10061-01-5	ND	0.5
Trichloroethene	79-01-6	7.5	0.3
Dibromochloromethane	124-48-1	ND	0.6
1,1,2-Trichloroethane	79-00-5	ND	0.6
Trans-1,3-Dichloropropene	10061-02-6	ND	0.6

ND Not detected at or above limit of detection
-- Information not available or not applicable

Results of Analysis
for
Busick Air

Client Reference: 40739.00
Clayton Project No. 92042.32

Sample Identification:	MW-5	Date Sampled:	04/20/92
Lab Number:	9204232-02A	Date Received:	04/20/92
Sample Matrix/Media:	WATER	Date Analyzed:	04/21/92
Analytical Method:	EPA 601		

Analyte	CAS #	Concentration (ug/L)	Limit of Detection (ug/L)
<u>Purgeable Halocarbons (continued)</u>			
2-Chloroethylvinylether	110-75-8	ND	1
Bromoform	75-25-2	ND	0.7
Tetrachloroethene	127-18-4	ND	0.5
1,1,2,2-Tetrachloroethane	79-34-5	ND	0.5
Chlorobenzene	108-90-7	ND	0.7
1,3-Dichlorobenzene	541-73-7	ND	2
1,2-Dichlorobenzene	95-50-1	ND	4
1,4-Dichlorobenzene	106-46-7	ND	4
Dichlorodifluoromethane	75-71-8	ND	1
Trichlorofluoromethane	75-69-4	ND	0.4
Freon 113	76-13-1	ND	0.6

ND Not detected at or above limit of detection
-- Information not available or not applicable

Results of Analysis
for
Busick Air

Client Reference: 40739.00
Clayton Project No. 92042.32

Sample Identification:	MW-5	Date Sampled:	04/20/92
Lab Number:	9204232-02A	Date Received:	04/20/92
Sample Matrix/Media:	WATER	Date Analyzed:	04/21/92
Analytical Method:	EPA 602		

Analyte	CAS #	Concentration (ug/L)	Limit of Detection (ug/L)
<u>Purgeable Aromatics</u>			
Benzene	71-43-2	ND	0.4
Chlorobenzene	108-90-7	ND	0.3
1,2-Dichlorobenzene	95-50-1	ND	0.5
1,3-Dichlorobenzene	541-73-7	ND	0.3
1,4-Dichlorobenzene	106-46-7	ND	0.5
Ethylbenzene	100-41-4	ND	0.3
Toluene	108-88-3	ND	0.3
p,m-Xylenes	---	ND	0.4
o-Xylene	95-47-6	ND	0.4
<u>Surrogates</u>			
		<u>Recovery (%)</u>	<u>QC Limits (%)</u> LCL UCL
Bromochloromethane	74-97-5	97	50 - 150
1,4-Difluorobenzene	540-36-3	99	50 - 150

ND Not detected at or above limit of detection
-- Information not available or not applicable

Results of Analysis
for
Busick Air

Client Reference: 40739.00
Clayton Project No. 92042.32

Sample Identification: MW-6	Date Sampled: 04/20/92
Lab Number: 9204232-03A	Date Received: 04/20/92
Sample Matrix/Media: WATER	Date Analyzed: 04/21/92
Analytical Method: EPA 601	

Analyte	CAS #	Concentration (ug/L)	Limit of Detection (ug/L)
<u>Purgeable Halocarbons</u>			
Chloromethane	74-87-3	ND	0.6
Bromomethane	74-83-9	ND	0.7
Vinyl chloride	75-01-4	ND	0.5
Chloroethane	75-00-3	ND	0.5
Methylene chloride	75-09-2	ND	2
1,1-Dichloroethene	75-35-4	ND	0.2
1,1-Dichloroethane	75-35-3	ND	0.4
Trans-1,2-Dichloroethene	156-60-5	ND	0.4
Cis-1,2-Dichloroethene	156-59-2	ND	0.4
Chloroform	67-66-3	ND	0.5
1,2-Dichloroethane	107-06-2	ND	0.3
1,1,1-Trichloroethane	71-55-6	ND	0.5
Carbon tetrachloride	56-23-5	ND	0.6
Bromodichloromethane	75-27-4	ND	0.7
1,2-Dichloropropane	78-87-5	ND	0.5
Cis-1,3-Dichloropropene	10061-01-5	ND	0.5
Trichloroethene	79-01-6	41	0.3
Dibromochloromethane	124-48-1	ND	0.6
1,1,2-Trichloroethane	79-00-5	ND	0.6
Trans-1,3-Dichloropropene	10061-02-6	ND	0.6

ND Not detected at or above limit of detection
-- Information not available or not applicable

Results of Analysis
for
Busick Air

Client Reference: 40739.00
Clayton Project No. 92042.32

Sample Identification:	MW-6	Date Sampled:	04/20/92
Lab Number:	9204232-03A	Date Received:	04/20/92
Sample Matrix/Media:	WATER	Date Analyzed:	04/21/92
Analytical Method:	EPA 601		

Analyte	CAS #	Concentration (ug/L)	Limit of Detection (ug/L)
<u>Purgeable Halocarbons (continued)</u>			
2-Chloroethylvinylether	110-75-8	ND	1
Bromoform	75-25-2	ND	0.7
Tetrachloroethene	127-18-4	ND	0.5
1,1,2,2-Tetrachloroethane	79-34-5	ND	0.5
Chlorobenzene	108-90-7	ND	0.7
1,3-Dichlorobenzene	541-73-7	ND	2
1,2-Dichlorobenzene	95-50-1	ND	4
1,4-Dichlorobenzene	106-46-7	ND	4
Dichlorodifluoromethane	75-71-8	ND	1
Trichlorofluoromethane	75-69-4	ND	0.4
Freon 113	76-13-1	ND	0.6

ND Not detected at or above limit of detection
-- Information not available or not applicable

Results of Analysis
for
Busick Air

Client Reference: 40739.00
Clayton Project No. 92042.32

Sample Identification:	MW-6	Date Sampled:	04/20/92
Lab Number:	9204232-03A	Date Received:	04/20/92
Sample Matrix/Media:	WATER	Date Analyzed:	04/21/92
Analytical Method:	EPA 602		

Analyte	CAS #	Concentration (ug/L)	Limit of Detection (ug/L)
<u>Purgeable Aromatics</u>			
Benzene	71-43-2	ND	0.4
Chlorobenzene	108-90-7	ND	0.3
1,2-Dichlorobenzene	95-50-1	ND	0.5
1,3-Dichlorobenzene	541-73-7	ND	0.3
1,4-Dichlorobenzene	106-46-7	ND	0.5
Ethylbenzene	100-41-4	ND	0.3
Toluene	108-88-3	ND	0.3
p,m-Xylenes	---	ND	0.4
o-Xylene	95-47-6	ND	0.4
<u>Surrogates</u>		<u>Recovery (%)</u>	<u>QC Limits (%)</u> LCL UCL
Bromochloromethane	74-97-5	90	50 - 150
1,4-Difluorobenzene	540-36-3	99	50 - 150

ND Not detected at or above limit of detection
-- Information not available or not applicable

Results of Analysis
 for
 Busick Air

Client Reference: 40739.00
 Clayton Project No. 92042.32

Sample Identification: METHOD BLANK Date Sampled: --
 Lab Number: 9204232-05A Date Received: --
 Sample Matrix/Media: WATER Date Analyzed: 04/21/92
 Analytical Method: EPA 601

Analyte	CAS #	Concentration (ug/L)	Limit of Detection (ug/L)
<u>Purgeable Halocarbons</u>			
Chloromethane	74-87-3	ND	0.6
Bromomethane	74-83-9	ND	0.7
Vinyl chloride	75-01-4	ND	0.5
Chloroethane	75-00-3	ND	0.5
Methylene chloride	75-09-2	ND	2
1,1-Dichloroethene	75-35-4	ND	0.2
1,1-Dichloroethane	75-35-3	ND	0.4
Trans-1,2-Dichloroethene	156-60-5	ND	0.4
Cis-1,2-Dichloroethene	156-59-2	ND	0.4
Chloroform	67-66-3	ND	0.5
1,2-Dichloroethane	107-06-2	ND	0.3
1,1,1-Trichloroethane	71-55-6	ND	0.5
Carbon tetrachloride	56-23-5	ND	0.6
Bromodichloromethane	75-27-4	ND	0.7
1,2-Dichloropropane	78-87-5	ND	0.5
Cis-1,3-Dichloropropene	10061-01-5	ND	0.5
Trichloroethene	79-01-6	ND	0.3
Dibromochloromethane	124-48-1	ND	0.6
1,1,2-Trichloroethane	79-00-5	ND	0.6
Trans-1,3-Dichloropropene	10061-02-6	ND	0.6

ND Not detected at or above limit of detection
 -- Information not available or not applicable

Results of Analysis
for
Busick Air

Client Reference: 40739.00
Clayton Project No. 92042.32

Sample Identification: METHOD BLANK Date Sampled: --
Lab Number: 9204232-05A Date Received: --
Sample Matrix/Media: WATER Date Analyzed: 04/21/92
Analytical Method: EPA 601

Analyte	CAS #	Concentration (ug/L)	Limit of Detection (ug/L)
<u>Purgeable Halocarbons (continued)</u>			
2-Chloroethylvinylether	110-75-8	ND	1
Bromoform	75-25-2	ND	0.7
Tetrachloroethene	127-18-4	ND	0.5
1,1,2,2-Tetrachloroethane	79-34-5	ND	0.5
Chlorobenzene	108-90-7	ND	0.7
1,3-Dichlorobenzene	541-73-7	ND	2
1,2-Dichlorobenzene	95-50-1	ND	4
1,4-Dichlorobenzene	106-46-7	ND	4
Dichlorodifluoromethane	75-71-8	ND	1
Trichlorofluoromethane	75-69-4	ND	0.4
Freon 113	76-13-1	ND	0.6

ND Not detected at or above limit of detection
-- Information not available or not applicable

Results of Analysis
for
Busick Air

Client Reference: 40739.00
Clayton Project No. 92042.32

Sample Identification: METHOD BLANK Date Sampled: --
Lab Number: 9204232-05A Date Received: --
Sample Matrix/Media: WATER Date Analyzed: 04/21/92
Analytical Method: EPA 602

Analyte	CAS #	Concentration (ug/L)	Limit of Detection (ug/L)
<u>Purgeable Aromatics</u>			
Benzene	71-43-2	ND	0.4
Chlorobenzene	108-90-7	ND	0.3
1,2-Dichlorobenzene	95-50-1	ND	0.5
1,3-Dichlorobenzene	541-73-7	ND	0.3
1,4-Dichlorobenzene	106-46-7	ND	0.5
Ethylbenzene	100-41-4	ND	0.3
Toluene	108-88-3	ND	0.3
p,m-Xylenes	---	ND	0.4
o-Xylene	95-47-6	ND	0.4
<u>Surrogates</u>			
		<u>Recovery (%)</u>	<u>QC Limits (%)</u> LCL UCL
Bromochloromethane	74-97-5	82	50 - 150
1,4-Difluorobenzene	540-36-3	95	50 - 150

ND Not detected at or above limit of detection
-- Information not available or not applicable

Clayton

ENVIRONMENTAL
CONSULTANTS

A Marsh & McLennan Company

REQUEST FOR LABORATORY ANALYTICAL SERVICES

For Clayton Use Only Page _____ of _____

Project No. _____

Batch No. 9204232

Ind. Code _____ W.P. _____

Date Logged In 4/20/92 By RS

REPORT RESULTS TO	Name <u>RICHARD SILVA</u>	Title _____	Purchase Order No. _____	Client Job No. <u>40739.00</u>
	Company <u>BUSICK AIR</u>	Dept. _____	Name <u>RICHARD SILVA</u>	
	Mailing Address _____		Company <u>CLAYTON</u>	Dept. _____
	City, State, Zip _____		Address _____	
	Telephone No. _____	Telefax No. _____	City, State, Zip _____	

Date Results Req.: NORMAL T.A.T. Rush Charges Authorized? Yes No Phone / Fax Results

Special Instructions: (method, limit of detection, etc.) _____

* Explanation of Preservative: _____

Samples are: (check if applicable)
 Drinking Water
 Collected in the State of New York

SEND INVOICE TO

ANALYSIS REQUESTED
(Enter an 'X' in the box below to indicate request; Enter a 'P' if Preservative added. *)

Number of Containers

EPA 601/602 HOLD

CLIENT SAMPLE IDENTIFICATION	DATE SAMPLED	MATRIX/MEDIA	AIR VOLUME (specify units)	Number of Containers	ANALYSIS REQUESTED										FOR LAB USE ONLY			
<u>MW-4</u>	<u>4-20-92</u>	<u>H₂O</u>	<u>40 mls</u>	<u>2</u>	<u>XP</u>													<u>01 A, B</u>
<u>MW-5</u>			<u>40 mls</u>	<u>2</u>	<u>XP</u>													<u>02</u>
<u>MW-6</u>			<u>40 mls</u>	<u>2</u>	<u>XP</u>													<u>03</u>
<u>TRIP BLANKS #0040792</u>	<u>↓</u>	<u>↓</u>	<u>40 mls</u>	<u>2</u>	<u>XP</u>													<u>04</u>

CHAIN OF CUSTODY	Collected by: <u>RICHARD SILVA</u> (print)	Collector's Signature: <u>Richard Silva</u>
	Relinquished by: <u>Richard Silva</u> Date/Time <u>4-20-92/1615</u>	Received by: _____ Date/Time _____
	Relinquished by: _____ Date/Time _____	Received at Lab by: <u>Rebecca L. ...</u> Date/Time <u>4/20/92 4:15</u>
	Method of Shipment: _____	Sample Condition Upon Receipt: <input checked="" type="checkbox"/> Acceptable <input type="checkbox"/> Other (explain) _____
Authorized by: <u>Richard Silva (SAMPLER)</u> Date <u>4-20-92</u> (Client Signature Must Accompany Request)		

Please return completed form and samples to one of the Clayton Environmental Consultants, Inc. labs listed below:

- | | | | |
|---|---|--|--|
| 22345 Roethel Drive
Novi, MI 48375
(313) 344-1770 | Raritan Center
160 Fieldcrest Ave.
Edison, NJ 08837
(908) 225-6040 | 400 Chastain Center Blvd., N.W.
Suite 490
Kennesaw, GA 30144
(404) 499-7500 | 1252 Quarry Lane
Pleasanton, CA 94566
(510) 426-2657 |
|---|---|--|--|

DISTRIBUTION:
 WHITE - Clayton Laboratory
 YELLOW - Clayton Accounting
 PINK - Client Retains