DOCKETED	
Docket Number:	23-SPPE-01
Project Title:	STACK SVY03A Data Center Campus
TN #:	254550-4
Document Title:	STACK Responses to CEC Data Request Set 2 - SVY03A Part IV of V
Description:	N/A
Filer:	Scott Galati
Organization:	DayZenLLC
Submitter Role:	Applicant Representative
Submission Date:	2/16/2024 4:25:22 PM
Docketed Date:	2/16/2024

EMERGENCY RESPONSE AND EVACUATION PLAN

SPILL

- 1. Notify any supervisory personnel.
- 2. The supervisor and one employee are to contain the spill. All others are to leave the building and open the doors, if fumes are present. Alert the neighbors as needed. See Evacuation Map on Page 6. Go to picnic tables next to rear parking lot.
- 3. If flammable material, turn off AA flame and FID flames.
- 4. Don boots as needed, a must for acid spills.
- 5. Pour absorbent (Hazorb) on spill and sweep-up. Go outside for fresh air as needed--wear respirator as needed.
- 6. Return to lab only when fumes have dissipated <u>and</u> supervisor indicates it is safe to do so.
- 7. For spills of 5 gallons or more, call the fire department as needed.

732-2626 or 911

Tell them to come to: Trace Analysis Laboratory

3423 Investment Boulevard

Unit Number 8

Hayward 783-6960

This is between Eden Landing Road and Production Avenue. We have a front and two back doors.

8. For minor medical treatment during the daytime:

Medical Express 22429 Hesperian Boulevard (north of Winton) Hayward 782-7111

9. For major medical treatment or treatment after hours:

Saint Rose Hospital 27200 Calaroga Avenue (at Tennyson) Hayward 783-1123 or 911

Take Hesperian south to east on Tennyson.

10. The building may be re-entered when the fire department (if called) <u>and</u> the supervisor indicate it is safe to do so.

EMERGENCY RESPONSE AND EVACUATION PLAN

TRAINING REQUIREMENTS AND DOCUMENTATION

I. Training Requirements

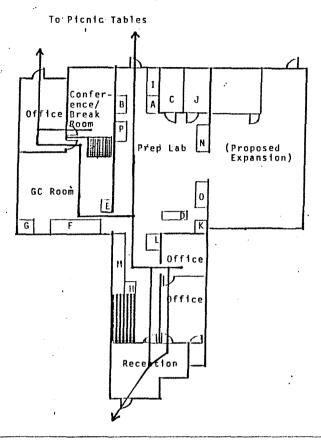
- A. All employees are trained and drill in the following, as indicated:
 - o Procedures for internal alarms/agency notification.
 - o Procedures for notification of off-site emergency responders.
 - o Location and content of "Emergency Response Plan."
 - o Evacuation procedures.
 - o Proper emergency mitigation procedures for spills.
- B. Chemical Handlers are trained in the following, as indicated:
 - o Safe methods for handling and storage of hazardous materials.
 - o Proper use of personal protective equipment.
 - o Locations and proper use of fire and spill control equipment.
 - o Specific information about the hazards of each chemical to which they are exposed, including routes of exposure.
- C. Emergency Response Team Members are trained in the following, as indicated:
 - o Rescue procedures.
 - o Procedures for shutdown of operation.
 - o Procedures for using, maintaining and replacing facility emergency and monitoring equipment.
 - o All personnel are trained in emergency response procedures within six months of hiring.
 - o Refresher training is provided at least annually.

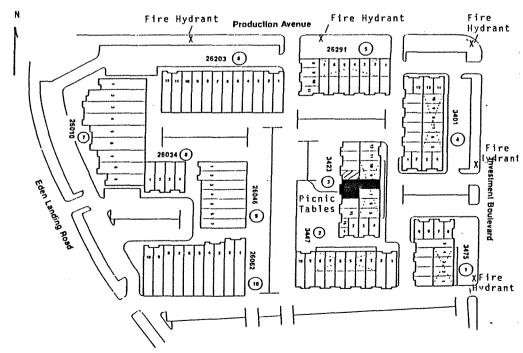
II. Training Documentation

Training Records are maintained for all employees as indicated:

- o Verification that training was completed by employee.
- o Description of the type and amount of introductory and continuing training.
- o Training records of current and former employees and retained for at least three years.
- o Documentation maintained and available for review regarding facility emergency response drills conducted during the year.

EMERGENCY RESPONSE AND EVACUATION PLAN EVACUATION MAP





Legends

X : Fire Hydrant

🥻: Trace Analysis Lab.

ZZZ: Proposed Expansion

ACUTELY HAZARDOUS MATERIALS AND EXTREMELY HAZARDOUS SUBSTANCES REGISTRATION FORM

THIS FORM MUST BE COMPLETED BY THE OWNER OR OPERATOR OF EACH BUSINESS IN CALIFORNIA WHICH AT ANY TIME HANDLES CHEMICALS THAT ARE CONSIDERED ACUTELY HAZARDOUS MATERIALS BY THE STATE OF CALIFORNIA OR EXTREMELY HAZARDOUS SUBSTANCES BY THE FEDERAL GOVERNMENT. THE ATTACHED LIST OF CHEMICALS INCLUDES ALL ACUTELY HAZARDOUS MATERIALS AND EXTREMELY HAZARDOUS SUBSTANCES AND WILL HELP YOU IN FILLING OUT THIS FORM. PLEASE NOTE: THE LISTS OF CHEMICALS ARE THE SAME FOR THE STATE AND THE FEDERAL GOVERNMENT. THE FOLLOWING DESCRIBES THE STATE AND THE FEDERAL REPORTING QUANTITIES:

THE STATE AND THE FEDERAL GOVERNMENT REQUIRE THAT OWNERS/OPERATORS OF BUSINESSES THAT HANDLE ACUTELY HAZARDOUS MATERIALS AND EXTREMELY HAZARDOUS SUBSTANCES IN QUANTITIES EQUAL TO OR GREATER THAN THE CHEMICAL THRESHOLD PLANNING QUANTITY SHOULD REPORT THOSE CHEMICALS ON THIS FORM. THE THRESHOLD PLANNING QUANTITY FOR EACH CHEMICAL IS LISTED ON APPENDIX A. YOU WILL NOTICE THAT FOR SOME THRESHOLD PLANNING QUANTITIES THERE ARE TWO QUANTITIES (E.G., ACRYLAMIDE 1,000/10,000). IF THAT PARTICULAR CHEMICAL IS IN DUST, POWDER, PARTICULATE OR GRANULAR FORM, USE THE SMALLER QUANTITY.

USING THE ATTACHED LIST OF ACUTELY HAZARDOUS MATERIALS AND EXTREMELY HAZARDOUS SUBSTANCES, DETERMINE FIRST, IF YOU ARE USING ANY OF THE LISTED CHEMICALS; AND THEN, IF YOU ARE, WHAT QUANTITIES YOU HANDLE. IF YOU ARE USING CHEMICAL MIXTURES THAT EXCEED THE REPORTING REQUIREMENTS AND THE ACUTELY HAZARDOUS MATERIAL AND EXTREMELY HAZARDOUS SUBSTANCE PERCENTAGE OF THAT CHEMICAL EXCEED 1%, THEN YOU NEED TO REPORT THAT CHEMICAL MIXTURE. (\$25533 & 25536 HEALTH & SAFETY CODE)

Note instructions on reverse

Business Name_ Trace Analysis Laboratory, Inc.
Business Site Address 3423 Investment Boulevard, Unit No. 8, Hayward, CA 94545
Business Mailing Address (if different)
Business Phone 415-783-6960 Business Plan Submission Date 1 Not applicable
Process Designation 2 Not applicable
ACUTELY HAZARDOUS MATERIALS AND EXTREMELY HAZARDOUS SUBSTANCES HANDLED 3 -USE ADDITIONAL PAGES IF NECESSARY-
CHEMICAL NAME QUANTITY
None in reportable quantities
GENERAL DESCRIPTION OF PROCESSES AND PRINCIPAL EQUIPMENT ⁴
Analytical chemistry analysis. Equipment: Two Gas Chromatography
Mass Spectrometers, five Gas Chromatographs, one Atomic Absorption
Spectrophotometer, and three exhaust hoods.
SIGNATURE President
PRINTED NAME L. Jean Noroian DATE 2/27/91
California Office of Emergency Services FORM HM 3777 (8-25-87) Modified by Hayward Fire Dept. (6-1-90)

intech Analytical Labs, Inc.

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94086 • (408) 735-1550 • Fax (408) 735-1554

May 28, 1997

Mr. Miles Perez Hazardous Materials Investigator City of Hayward Fire Department 25151 Clawiter Road Hayward, CA 94545-2759

Dear Mr. Perez:

Please find enclosed the final Closure Report the Entech/Trace Analysis Laboratory facility at 3423 Investment Boulevard, Unit 8 in Hayward.

Per you visit to this facility on May 14, 1997 and our Closure Plan this completes all work necessary to obtain permanent closure of this facility regarding the Hazardous Material permit.

I appreciate your department's cooperation during this process and would not hesitate to locate a manufacturing or lab facility in Hayward requiring similar permitting should future Entech requirements change.

As we discussed I would appreciate a written confirmation of this closure completion for my records.

Thanks again for your help.

Sincerely,

Entech Analytical Labs, Inc.

Michael N. Golden

ruch nee W

CEO/Lab Director

Closure Report Trace/Entech Analytical Labs 3423 Investment Boulevard, Suite 8 Hayward, California

Submitted To:
City of Hayward Fire Department
Hazardous Materials Office
25151 Clawiter Road
Hayward, CA 94545

Submitted By:
Mike Golden
Entech Analytical Labs
525 Del Rey Avenue
Sunnyvale, CA 94086

May 20, 1997

Post-Closure Report Trace/Entech Analytical Labs 3423 Investment Boulevard, Suite 8 Hayward, California

1.0 Purpose

This Post-Closure Report outlines the activities completed in the decontamination and closure of Trace/Entech Analytical Labs at 3423 Investment Boulevard, Suite 8, Hayward, California. All decontamination, remediation, and removal of equipment, and demolished architecture and hazardous materials were conducted in accordance with the applicable regulations specified below:

- CCR Title 22, Sections 66261.24
- CCR Title 22, Sections 66261.30 (RCRA Threshold Levels)
- City of Hayward Fire Department
- Hayward Municipal Code, Section 3 8.41.b

Entech Analytical Labs is submitting this Post-Closure Report to the City of Hayward Fire Department.

2.0 Scope

The closure involved the removal of hazardous materials, their residual wastes, equipment, and architecture. The following areas were addressed:

- Removal and disposal and/or reuse of hazardous materials stored in the facility in an appropriate manner,
- 2. Decontamination of laboratory surfaces and hazardous material storage areas,
- 3. Proper decontamination removal and disposal of ductwork and fumehoods,
- 4. Elimination or minimization of threats to public safety, public health and environmental protection.

3.0 Closure Plan Activities

Decontamination of Laboratory

Radian D-Tech, Inc. performed the decontamination of the laboratory area on 5/5/97. All surfaces were cleaned using a neutralizing solution, industrial cleaning solution, and triple rinsed with water to ensure that all contaminant residues were removed. All surfaces were pH tested using field pH strip tests and with Spilfyter Strip tests (solvents) and verified clean. The fume hoods and workbenches were cleaned in similar fashion by Radian D-Tech and verified clean.

Decontamination of Chemical and Hazardous Waste Storage Areas

Radian D-Tech performed the decontamination of the hazardous waste storage rooms and cabinets on 5/5/97. All surfaces were cleaned using a neutralizing solution, industrial cleaning solution, and triple rinsed with water to ensure that all contaminant residues were removed. All surfaces were pH tested using field pH strip tests and with Spilfyter Strip tests (solvents) and verified clean. The walls and shelving of these rooms were demolished and properly disposed of as Class III waste.

Hazardous Material Removal and Disposal

All hazardous materials onsite were either transferred to Entech Analytical facilities in Sunnyvale, California, or properly manifested and removed for proper disposal. Entech Analytical used South Bay Chemical Company and Burlington Environmental, both certified hazardous waste brokers to manifest, remove and transport the hazardous wastes for proper disposal (see Attachment B).

4.0 Closure Notifications and Inspections

Entech Analytical submitted a Closure Notification (Attachment C) and Closure Plan (Attachment A) to the City of Hayward Fire Department. The City of Hayward Fire Department conducted an inspection of the facility on May 14, 1997 (Attachment D).

5.0 Attachments

Attachment A Closure Plan

Attachment B Hazardous Waste Manifests

Attachment C Closure Notification

Attachment D City of Hayward Fire Department Inspection Report

Attachment A Closure Plan

Closure Plan Trace/Entech Analytical Labs 3423 Investment Blvd., Suite 8 Hayward, California

January 10, 1997

1.0 Closure Requirement

This closure plan is being prepared to comply with local and state regulations. This plan describes the procedures for decontamination and for terminating the storage of hazardous materials and hazardous wastes at the facility.

2.0 Agencies To Be Notified

City of Hayward Fire Department Hazardous Materials Office 25151 Clawiter Road Hayward, CA 94545 510-293-8695

3.0 Facility General Description

The facility is located at 3423 Investment Boulevard, Suite 8 in Hayward, California. The major cross street is Clawiter Road (see Attachment A for site map). The site is located within the City of Hayward in Alameda County. It consists of both office and analytical laboratory space. There are four offices and one main laboratory. The laboratory accounts for approximately one third of the 3,100 total square feet. The area outside of the building is surrounded on two sides by light industrial office buildings and on two sides by asphalt parking lots.

The facility is leased by Entech Analytical Labs. Entech is owned by Mike Golden, President. Mike can be contacted at 408-735-1550 x30.

4.0 Facility Process Description

This facility housed a state certified independent analytical laboratory owned by Entech Analytical Labs, and in operation until August of 1996. In late 1996 the operations at this facility were moved, along with analytical instruments, to Entech's Sunnyvale facility located at 525 Del Rey Avenue, Sunnyvale, California.

The following specific information is relevant to this facility and this Closure Plan:

 Various hazardous materials and wastes, including analytical calibration standards and chemicals, remain in this facility and are to be disposed of in accordance with all applicable regulations,

- The facility operated three fume hoods which will be decontaminated for eventual removal.
- All hazardous materials were/will be properly stored and shipped from this site for treatment and/or disposal,
- d. All sinks are connected to domestic gray water systems,
- e. The lab bench and fume hood sinks are connected to a point source water treatment system (in-line ultrapure mixed bed filter and organic removal filter cylinders) which will be properly disposed of,
- f. No waste was discharged to the sewer,
- g. No underground storage tanks exist at this facility.

4.1 Chemicals Used

Please refer to Attachment C for a complete listing of chemicals and hazardous wastes remaining onsite. In addition, a chemical location map is attached (Attachment B) showing where chemicals and wastes were stored and used in this facility. All chemicals and wastes currently onsite will be properly manifested and transported for proper use, treatment and/or disposal.

5.0 Purpose of Closure Plan

The purpose of this Closure Plan is to comply with applicable local and state requirements including the Hayward Municipal Code, Section 3-8.41b. The Plan will be submitted by Entech Analytical Labs to the City of Hayward Fire Department for approval. The Plan is intended to ensure the removal of hazardous materials, their residual wastes, and to eliminate possible contamination to the facility due to normal chemical use. This will be conducted in a manner that:

- a. Demonstrates that hazardous materials stored in the facility will be removed, disposed of, and/or reused in an appropriate manner;
- b. Eliminates or minimizes threats to public health and/or safety or to the environment from residual hazardous materials in the facility; and
- c. Eliminates or minimizes the need for further maintenance of the facility as a hazardous materials storage facility.

Areas to be addressed in this closure will be:

- a. Proper removal of hazardous chemicals and wastes; and
- Proper decontamination of surfaces potentially contaminated with hazardous materials.

6.0 Closure Plan Activities

6.1 Laboratory

The laboratory consists of a work bench, sink and three (3) chemical fume hoods. The bench, sink and floors of this room will be cleaned utilizing an industrial cleaner and surfaces will be pH tested using a field pH strip test top ensure that no residual corrosive materials remain on the surfaces. These surfaces will also be similarly tested for solvents using a field Spilfyter® strip test. The chemical fume hoods will be decontaminated utilizing industrial cleaners and/or dilute IPA and neutralization solution to remove potential hazardous residuals. These will also be field tested for both solvents and corrosives.

6.2 Chemical Storage Areas

All chemicals in the facility were stored in either one of two chemical cabinets (flammable cabinets), or one of two chemical storage closets. All chemicals have been inventoried (Attachment C). These two cabinets and two closets are identified on the attached site map (Attachment B). Both cabinets and closets will be properly emptied of their hazardous materials and cleaned using the same methods outlined in section 6.1 above.

6.3 Hazardous Material Disposition

All hazardous materials will be properly handled; manifested; and used, treated and/or disposed of by certified vendors, in accordance with all applicable local, state and federal requirements, including; the Department of Health Services (DOHS), the California Regional Water Quality Board (CRWQB), the US-EPA, and the Cal-EPA. Proper documentation, including receipts and manifests, will be maintained and submitted with the final Closure Report to the Fire Department.

It is been determined based on the nature of the facility and its operations, that no soil, groundwater or other samples, other than the field strip samples, will be collected and analyzed for this closure.

6.4 Spill Contingency and Safety Plan

A site specific Health & Safety plan and Spill Contingency Plan is attached. (Attachment D).

6.5 Schedule

This Closure Plan will be submitted to the City of Hayward Fire Department for review. Once approval is obtained for the proposed scope of work, Entech may proceed with the work as depicted in the closure plan. A representative of the Fire Department may be asked to inspect the facility prior to commencement of closure activities and after all closure proceedings has been completed.

7.0 Final Closure Report

Entech Analytical will submit a final Closure Report to the City of Hayward Fire Department within thirty days of completion of work outlined in the Closure Plan. This Report shall summarize actions actually taken to close the facility, and include receipts and manifests for chemicals and equipment. The report shall certify that the approved facility Closure Plan was carried out.

8.0 Attachments

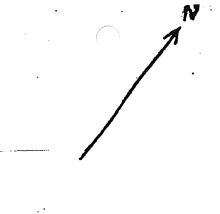
Attachment A Facility Site Location Map

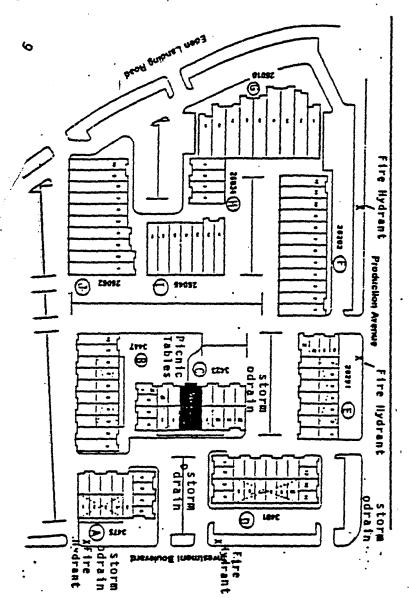
Attachment B Facility Plans - Area/Equipment Locations

Attachment C Hazardous Material Inventory

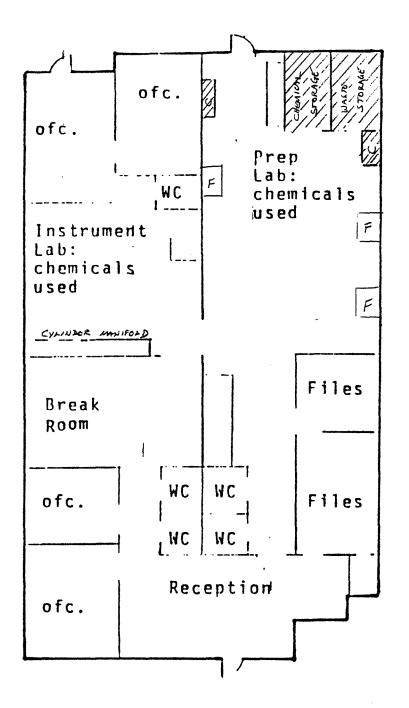
Attachment D Site Specific Health & Safety and Spill Contingency Plan

Attachment A Facility Site Location Map





Attachment B Facility Plans - Area/Equipment Locations



Attachment C Hazardous Material Inventory

CUTATON NAME	Container Information				
CHEMICAL NAME	Number	Size	Unit	% Full	
Methylene Char. de	4	41	g	100	
		4.0	g	75	
Hydrogen Peroxide	3.	11	P	100	
	1	11	P	25	
	1	500ml	P.	50	
Maybe MTBE	1	41	9	. 25	
1)		12	9	75	
Reagent Alcohal (absolute)		41	q	100	
ethyl ether		500ml	metal	50	
methanol	1	4.2	9	100	
	2	41	9	25 25	
	1	12	9	90	
3% NaBH4		500ml	<u>\$</u>	70	
Aceton	1	48	9	10	
Z, Z y · trimethal - Dentane.	1	41	9	100	
, II	1	41	4	70	
pentane		42	9	100	
,	1	48	5	500/ 50	
n		4.8	a	75	
Dolurshalene Gl.		28	9	90	
1 3. 3 3.3661	1	22	-5	50	
版 N-propane		12	a	60	
n 1 - propenal		42	4	35	

CHEMICAL NAME	Container Information				
CHEMICAL NAME	Number	Size	Unit	% Ful	
ethyl-acetate)	12	q	60	
. tri-sil		50 m)	9	70	
1,3 Dinitro benzene		25 g	3	100	
4-chlorataluene		100 mi	9	80	
2- chloroethyl etter		10001	q.	100	
1,2 D. Wimo ethane	3.1	"50m1	9	70	
iso-Propyl Ether)	il	g	80	
= 10000 benzene	1	100 m1	a	80	
Bis (Perfluencisopropol) Ketone	1	loom	9	10	
1,2,3-Trichropopropare	1	1.00 .21	9	50	
- Acrylanide:	1	50 ZSg	3	160	
O-Dinitrobenzene	1	25 g	9	90	
1,3- Di nitro benzeno		259	9	/00	
1,2-Naphthoguinane		105	9	100	
3 Brano benzatifluaride		50 ml	9	40	
polyimile sealing resin		10 ml		50	
995		Zoml	9	100	
Jot A fuel	1	40ml	9	45	
Linear Alkylbenzene Sulfonade	1	500 m)	P	100	
PROSPINIZIC ACID	1	20001	9		
Cupra Sulfate	1		P		
Nityci / Wilydit Burgin Solm	1	Soun 1	4	50	
Cupic Sulfate		125ml	G	60	

OUTWINE NAME	Container Information				
CHEMICAL NAME	Number	Size	Unit	% Ful	
Phenol	/	P	250ml	25	
Nityoit	/	500ml	7	50	
41-AMINO ANTIPYRINE SOLUTAIN	<i>)</i> .	100ml	9	120	
K3 Fe (CN)		100 m 1	9	100	
4-AMINO AUTIPORT	/	259	J.	50	
PITENOL	1	" / Z	9	100	
KZ CKZ OZ	/	11	· P	30	
Sulfamire Aciel	- C	11	7	80	
Sedin Hydraid (NaOII)		11	٦	40	
	1	Soonl	P	·50	
11		10	ġ	<u>50</u>	
MgCl2 - 61+20		11	P	10	
KCN: KOH		·il	<u>g</u>	100	
RCN Sommer	//	11	9	75-	
KCN. "	/	11	مر	25	
Sopium PHOSPHOW		500m/	حر	46	
CHEORIMING -T SOLN		ZSom	P	50	
<u>ll</u>		250 g	9	80	
NATRITE STOLK SOL'N		500ml	9	90	
11 (1 11		111	1-3-	100	
. []		Sound	7	100	
·· · · · · · · · · · · · · · · · · · ·		Soonl	j	100	
BRUCING SULFAMO ACID		5.00W/	1 3	25	

Page _______ of ______

GUEVICAT VANE	Container Information				
CHEMICAL NAME	Number	Size	Unit	% Ful	
W-1 - WAPH THYLE THYLEUEDIAMINE	1	259	9	100	
AUSTMONY POTAJULA TARTRATE	1	500 g	P	100	
SULFANILAMIDE	1.	1009	9	/00	
SODIUM ACCTATE	1	4539	>	70	
Nacci Socia		5 om 1	7	20	
Sodian Nitaire	. /	"45 Scy	P	95	
Petassium Winzer	/	4539	. 3	80	
- WHENOWO - SOIUM THWELFORE	1	12	g	100	
ALIENCE - JODING - AZIDO		500 m1	7	100	
STARCH INDICTION SOL'N		150ml	هر	80	
Fectz . 611,0	1	18	خر	<i>_0</i> 00	
Caclz		12	P	100	
Poy Burren		11	P	100	
Mq So4	1	11	7	100	
Potassium bilodate		5.00.00	P	100	
Ca (NOz) 3		50001	<u> </u>	20	
Ctrium Supres	1	50001	P	100	
MAGANON SULFATE.	į	11	<u> </u>	50 700	
(STANDARD Z)~ CO! Cal Vi In CONRY	8	100 m	P	50-10	
Se/HNO; COMISO STANDARD	4	100ml	?	50	
. Aa Sx Standard	1	100 ml	<u> </u>		
Be/ Hall HOOZ STATISATED		10001	P -	50	
Fe Hal I HUOS STANDARD	3	In 60!	P	50	

CUTAL TALE	Container Information				
CHEMICAL NAME	Number	Size	Unit	% Full	
Collen / PB STANDARD	4	100 m (در	20	
Cd STANDARD	/	100ml	à	50	
(1/17) 1+704 11).	18001	P	80	
	3	100ml	P	50	
Be / Hel / 14x03 11		100ml	<i>j</i> >	50	
		"100ml	12	50	
AS STANUARD	3	100ml	. 7	25	
<u></u>	4	100ml	P	25	
	4	10001	g	_5 0	
A n	4	600ml	P	50	
MO (HCI / 14 NOS 12	4	100m1	خ	50	
Mp/1+01/1+poz 11	5	100M	p/q	10	
CO/53 in	3	·100ml		25	
Cd/Cn/Pb 1	3	100ml	9	<u>Zo</u>	
Si /Co 11	1	100 ml	P	20	
NI 53 11		isoml	در	75	
Ni Si	/	poorl	P	75	
B1+7 Siz 11.	į	100ml	P	39	
· Vrs u		100ml	Δ	5	
176 13		10001	.2	/0	
Bel Holl It pay is	1	10001	7	59	
Ba n	1	10001	7	/0	
Vanadoun	1 2.	100,00	P	75	

Page 6 of

CURVICAL VANE	Container Information .				
CHEMICAL NAME	Number	Size	Unit	% Full	
AESONIC STANDARD	1	150 m (P	.S .	
. Copper 11	/	100ml	p	10	
Colcium "		5 ounl	ر حر	S o	
lead 11		250m/	P.	5	
11 11	, ,	100ml	P	10	
THOREcan 11	. ,	"loom!	P	50	
Golg il	/	100~(9	100	
Acumenum 11	1	Sodn	در در	80	
Cot someum il	/	ار وں	P	20	
Born 11	1	500ml	در	100	
Bonycium v	/	100ml	10	50	
ANTIMONY 11		100ml	P	50	
12 12		· 100M		~5	
Mos 4 & Down u	1	iboni	<i>j></i>	20	
Cromman 11		100ml	ور	50	
TIN II		10 M	12	<5	
Iron 11		Soonl	P	95-	
Nichel II	<u> </u>	10001	?	25	
Copor 11		100ml	P	25	
Citrouinn 11	!	1002		25	
Nicher 11	1	10000	1	20	
Silicon 11.		100 ml	7	10	
Lead	1 1	500 -1	P	96	

Page _______ of ______

	Container Information ·				
CHEMICAL NAME	Number	Size	Unit	% Full	
SIL VUR STANDARD	2	500ml	9	90	
Monenny !		10	11	90	
Screvum "	1	20	2	100	
Mandian il	1	11	16	90	
ZINC "	1	11	11.	90	
MULTINOST	. (11	/‹	90	
Fortssium !!		Font	· и	90	
Corpor 11	((UU .m (٦	20	
Tirran 11	1	100ml	1	100	
50 gan	/	100 001	P	75	
1+ q 11	13	100ml	. م	50-100	
	7	Som!	2	50	
Ag 4	8	100 ml	12	100	
N; 11		10001	P	50	
Si 11		1 cons	رر	100	
56	/	10001	7	50	
isa 11		1duni	?	75	
CTA MID	5	100ml	7	50	
Somum	1	100 ml	P	80	
Tiv in		100 M	<u> </u>	25	
Brown 11	1	woni	7	50	
A luminum	1	100 ml	P	وح	
Aresonic II	\ \ \ <u>.</u>	100mi	?	75	

•

THIUIAL OUGE.

Page S of

Container Information CHEMICAL NAME Unit % Full Number Size CADMIUM STANDARD 100 ml P 25 PANADUM II 75 " SILICON " 10 41 40 TITANIAN i (90 " " IRON " 4 . . 50 21 75 Marsium " 41 80 11 50 ir 11 COPPOR 61 75-11 11 10 11 ANTIMONY 11 10 ٠, 11 u CHROMILIA 11 80 i 11 11 il 10 25 Mranoso 50 11 4 THELIUM 11 11 50 ić BORYLLIAM i Conver 11 10 11 11 $t_{\mathbf{t}}$ 11 50 MOLYBOONUM 11 10 80 (11 4010 10 50 .11 Nicaoz it 75 11 Mercany 14 11 80 18 11 li ROTASIUM 20 16 1 ίL SILVER 1 Wml 100 8 11 EPA 18 50-100 100ml 16 2 1/2 C771

Page ________ of ______

Container Information CHEMICAL NAME % Full Size Unit Number Annavian Mayente SOL'N Soomi 100 Soons :00 tr tr S Domi 10 11 - SOY 250ml 50 250ml 9 50 ASCORBLE ACID SOLW 11 MOLBDIC ACID I 7.5 150ml POY SOLIN א 50 PHOSPHORUS STANDARI) 150ml P 20 1/2 504 150ml 50 STANDONS CHEOZIDE SOLN (SNC12.) 15011 70 PHONO LANGUARION SOLW P 100ml 30 POY SOL'N P 100ml 20 AMMENIAM ITEPTAMOLYBDAR 7 1 16 Pomssium PHOIPHATE HUND BASTC 116 70 500 g 80 Annowing PERSULFATO 2004 SODIUM ONALARE POWNER 100 1259 STANNOW CHECKER (RYDTAL 80 PHENOL RED. Ğı 10 100M Na, S, O3 4 ZSMI 50 60 ZSOMI 4 17-100 SOLIN 50 259 G 1259 10 SOPIUM MOLYBDATES P 60 10001 CHLOROMINE - T

	C	ontainer	Informat	ion
CHEMICAL NAME	Number	Size	Unit	% Ful
Sopium Acesase Garania	1	Sougm	P	100
POTMERUM FROURING - CRYPTAL	,	Sou gin	حر '	100
CACCIUM OXIDET - POWDER		5009	2	100
SODIUM FORMITE		Souy	6	100
Naz Cos solw	1	500Ml	P.	100
BROWING SOLIN		150nt	خر	50
Boron Solin	/	isonl	P	75
	1	Sount	9	100
Sodjan THOSULFATE SOLW		Soon	G	25-6
AMMERIAN HYDROXIDE	/	,21	P	50
La Solin	/	1.l	حر	100
TING ACCTOR	/	1.2	P	20
EPTA Sain		12	P	100
	1	5 ound	P	50
1/250 x 50 c/N		12	G	< 10
GDIGEHOME BLACK -T (sold)	/_	100 4	2	50
ii ! Social	/	150ml	12	63
Morryc ROD	1	150ml	P	70
Na OH Solin	,	12	P	20
AMMONIUM CHEORIDE		5009	<u>P</u>	100
Acetre Acio		500 ml	/2	20
- HAC SOLIN		5001	7	20
Naz Coz sorin	/	18	To a	100

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Page _ M _ of O

Container Information CHEMICAL NAME Unit % Full Number Size NH4 017 100ml POTASSIUM G 2 150ml 50 Patroscum Bi PHT HALATE 4 20 10 (12415 MS 100 G POTASSIUM CHRONATO 5004 100 G G 5009 DICHROMES 5009 90 HY DROXIDE. Ġ 100 HYDROGEN PHIMMEATE FERRICYANIDE (CHIMA) - 1 75 G 50 Ğ 75 G 1 16. FURROCYANIDE 176. 110. 100 POTASSIUN DITTATE 5004 P 100

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initiai oodo.

Container Information CHEMICAL NAME % Full Size Unit Number 250 a Pomssium IODING 11 PHOSPHATE DI-BASIC P 50 NITRITE 116-G 20 75 PITOSPITATE MUNUBASIC 6 11 PorsaLitation 500 a C 100 . 2 5001 POTASSIUM PIASPHARES TOX RASIS 100 POITMINIUM PHOSPHATES 1009 100 50 SULPATE (CZYUTTE) CUNKNOWN AMOOR 5 50 2/ G Zoml 10C 5004 <5 MANUALUSE SUICEARE NOND AYDRAR 100 5009 SULFINE 1 16. 4 10 MAGNESMA ANHYDOWS 50 CRYSTAL 1 16. Chorino 60 Sovign (RYSTALS G lique feel 30 le 500 nm 60 116. MOLYEPUNUM TRIOXIZE (SOUPER) 4 1009 20 2. MOREURIC SALFATE 5009 P 90 11 1 16. G 60 (pure) MURCURY 25 125 a 6-HADROTE Nickedious NITETE G 100 TODIN-CYAUGGEN FU. CHARLE SULTATE

PACKING LIST
Continuation Shee Page /3 of _____

	Co	ontainer	Informat	ion ·
CHEMICAL NAME	Number	Size	Unit	% Full
CADMIUM CITEORIA		1 16.	G	75"
i il plotot	8	Soo g	G	75
Cosium citeorine	1.	Z5 g	9	50
CHEIUM CHEENSON anhydry	/	1 16.	G	Zo
11 GRBONASE	1	176.	Ğ	70
ic Sulfato	2	1 16.	<u>G</u>	<i>S</i> -C
CORIC AMMONIUM SOLVETTO	/	1 76.	C ₁	80
LODING (CRYSTALS)	/	30 gm	G	10
FORING SOLIN	/	250ml	G	20
Long NITATE	/	116.	લ	.50
l' Acarno		5009	٦	60
n CITLORIRO (TOWNER)	1	Soug	P	70
Menossum Suciense (anhydrus)		7 16.	P	20
FERRIC AMMONIUM SUESTED	1	1 16.	9	20
Fornous: (1 11	/	Sucan	P	25-
12 ((ic		1 16.	P	20
FURRIC CHLORIDE	/	5009	P	75
4,6 - DINITRO -0-KKESOL	1	5004	P	50
LANTHANUM WITHTE	2	1139	g	110
HYDROX YLAMINE HYDROCHDORING CLY)	mr 1	500 y de	Box/G	100
AMMORIUM PHOSPHOTE - DIBERC	/	1 16.	7	30
AMMONIUM CHARLIDE	2	50091	P	/00
in Nitrate	1 -	1 16.	٩	75

CUDY CAL WAYE	C	ontainer	Informa	tion ·
CHEMICAL NAME	Number	Size	Unit	% Full
MUNION HITELTE SOLAN	/	11	Ğ	_50
Al (01+)3' Solv		150ml	12	/0
ALIMINUM NITHOR (CUYUTI)		5009	9	50
BARUM NITHTE (CRYSTAL)		1 16.	٠ حر	100
" CHLORIFE (granular)		116.	P	40
ii (anhychous)		Soo q	P	50
11 (Cdi-hydsle)	1	5009	P	50
-Bismurth NITHTO	1	113 g	G	20
ANTOMONY (DOUDON)		125-g	G	100
BARITURIC ACID	7	500g.	9	75
BORIC. ACID		1 16.	P	60
1 504 502 N		/ L	P	20
	/	./ (G	50
Scoun FHOSULFITE SOLIN	1	For ml	9	10
K1 - K103 Solá	i	1 l	P	25
Buclz Sola	1座	18	<u> </u>	50
Ita testate soli	/	11		<u>zo</u>
Suifate suffer.		11	Ċŋ	0
SODIUM BLEVEROUNG		1 16.	P	10
Potnissium Ionato		113g.	_ح	10
· SULFAR BUFFER		Sound	<u></u>	40
Francis Amminian sucher Sin) <u> </u>	18	G	50
FAS solv	<u> </u>	N	9	0</td

CHEMICAL NAME	Co	ontainer	Informa	tion
	Number	Size	Unit	% Full
Ky Cry O7 Solve	1	11	7	60
Francia INDICATER SOIL		150ml	حر ا	20
LEODICII CO. MTG SOLW	1.	11	P	40
FAS SOL'N	/	500ml	G	10
Fennous Sur gro	/	1 16.	G	80
POTASSIUM DICHRONSTU		116.	م	Zo
SILVER JUL 194 100	,	25 y.	G	<10
DHUCK Solution	1	12	C ₁	<i>_5</i> ∂
Bornson Burgan	,	12	G	50
Nity C1 Scintron	,	118	G	100
Nuz By. CI Solin	1	11	cj	50
11 g Soly Solin		Sē, 11.	P	50
itypoch bous soil	1	100ml	عر	
11, soy solv	1	Sound	ور	50
173 805 Solv	(250ml	حر	90
PHENNE REALENT	(250ml	حر	20
NITROGON TAPPINATION SOLIN	- /	250ml	7	50
NITY SOIN	/	ZSomt	<i>Z</i>	75
10 L1	1	11	1.	25
Manyanous 504 sombo	· l	//	P	20
· Borre SUCIN	į	250m	7	
Naz Soz , sotz d' Solin	1	250,01	5	50
TRICTIAN OLYMING	,	473ml	G	60

CHEMICAL NAME	Container Information .			
	Number	Size	Unit	% Ful
1, 3,5° TRICITIONOBENTUNE	 	1004	حر	100
		5009	G	100
1, 2, 4 11 SALIN	1	il	G	20
URGA	2	500 9	P	80
1,236, - Total 149000 1811ACK (ANNYDRING)		100 4	9	100
TRITON X-100		100ml	9	80
"WASTE" - AMBER BETTER (SULID)	2	Site y	# 4	40
THIOH CETAMIDE	1	113g	G	80
<u> </u>	1	1139	9	90
THIONALI DE	/	125 g	4	50
THOGEYCOCKE	1	125g	Ġ	100
Prievol	Z	1 16.	G	50
DIMOTHYL SALFOXIDO		ZSOMI	حر	20
SODIUM DIETHYL DITHBURESA MATE	1	1009	G	90
METHOLOL MC		100 q	P	90
PHEN AN THRONG		100 7	4	200
3 - MOTIME 1 - PHENYL-Z- PYRAZOLIN-S-ONE		100 9	5	100
Sidium DIMETHYED, THECOMOTO		1009	4	25
c/ 4 4	/	1009	G	100
N. W. DIMETHYL-P- PHENTLENCOMMINE	, ,	1004	<u> </u>	
SULFANILIC ACID (CAYING)	1	759	P	60
\$6-p-D: netly tamino - be- zylindere) theiler	(in)	250	4	صح 📗
1- Pyrolidine earbodithioic and amm su		1009	P	96

CHEMICAL NAME	Container Information .				
	Number	Size	Unit	% Ful	
3-Moths/-1-phenyl-Zpyrozolin-Some	1	100:	C ₁	100	
5- Ep-Dinetty laming benzylijene rhochini		109	G	<10	
PHENYL - 144DAT ZING SOLA	1	100 9	9	100	
1,10- PHONAN THROZING.	/	25y.	G1	60	
TOTTO METHYLAMOUNUM HYDROXDE	(4009	G	10	
Molybdic Acid (power)	<i>"!</i>	7/37	9	80	
P. Naphtho/Benzem	/	109	Gr	100	
MUREXIDE (AMMONIUM PURPUX	21c-)]	5 omi	9	20	
NAPTHALLENE	<i>j</i>	1 16.	Gi	80	
HYDROQUINONE	2	5009	F	80	
EDTA (POWDER)	1	1 16.	G	106	
11n	/	116.	حر	10	
DEX MOSE (poute)		1007	G	20	
RITURYLAZOFORME ACID Z-PITENYLHAMENZ	pc /	109	5_	100	
Hypry zine sucre		1009	G	100	
Z.4 - DICIHOROISCNETIC Jeip	/	259	5	100	
Z6- DINITRETOURNE		259	G	100	
DIMOTHYL-GLYOXIMO	1	<i>J</i> 304	9	100	
1c	1	125° q	P	90	
M.N - DISTLICHLIBERG-ETHYLCREDITMIN	- 1	1003	9	80	
Gilutamic Acin		50.	9	10	
DZ-DITHIO FHREITOL (CLEUNDS)	/	19	G	100	
2,4 DINITROTOLUENE (CHZGHz)		1004	G	100	

PACKING LIST
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CHEMICAL NAME	Container Information .				
	Number	Size	Unit	% Full	
1,2. DAMINOCYCLOITESAINE TETRACOTIC ACID	12	1009	P	100	
· DIETAYL-1, 4- PITERYLUNG DIAMINO (CCH.) 2 K	614N1121	1009	Ğ	100	
Acone Acio	1	Swent	G	60	
AMINON+PHTHO2 SULFONIC ACID	1	156 7	G	100	
ANTHRACENT	1	1009	هر	100	
ASCORBIC ACID	. /	1009	9	100	
ANTITRA NILIE ACID	,	259	C_7	100	
ALUMINON	1	25g	9	100	
AMMONIUM 1-PYROLIBING CAR :30 DOTTAN	121	109	G	100	
Bet TANA PITTIOL	1	501	G	100	
AGIR	,	259	Ġ	10	
C17670-100	1		G	50	
CIPROMOTROPIC SCID	_11	75g	9	100	
CATECHOL (CGH4-1,2-(0H)2)	/	100 9	G	100	
CARMING- (JUM LARD)			Cy	80	
CALCON (COHIS USNENES)	/		<u> </u>	50	
CURCUMIN (CZITZO 06) CAJINI		<u>254</u>	G	50	
FLOWRIDE BURFER SOLIN	1	500ml	9	60	
Nali Solin	1	11	حر	0	
Sopium Flourise Soin	,	500ml	G	80	
. ic a a	/	500ml	67	100	
ETHANCL	1	500ml	67	10	
SODIUM FLOURIDE (AUDER)	1	1139	P	<i>\$</i> 0	

PACKING LIST
Continuation Shee Page A of _____

CUTVI CAL VANE	Container Information .			
CHEMICAL NAME	Number	Size	Unit	% Full
(6240-612011 St.	1	102	G	50
Na01+ 5011m		Sound	77	<u> </u>
1/g (cz //3 02)2 solin	1	18	P	100
JODING SOLA	/	12	Ćŧ	90
Na OH 50 1/2	1	500nl	حر	50
STARCH SOLIN	. /	150ml	حز	75-
Na 2 52 03 Sol'n	/	Soum	<u>رئ</u>	50
HCI solin	/	300m	G	50 ,
URANYL ACOTATO	/	102	17	50
STILBONG YEZLOW BIO-STAIN	?	,Z 5g	G,	50
ERIOCHRONE BENER T	,	1009	Ġ	50
METHYLONE BLUE CHURING	/	10 g	G	40
MOTHYC ROD (50/m 5011)		509	G	80
Pittero - Rop 11 11	(ZSey	G	50
CALCIUM ROD		5 og	17	100
PRIOCIFROME BUTO/RISER R		109	حر	60
BRILLIANT YCZLON DYC		25g	G	75
STANNOW CHERIDET	1	4 oz.	9	50
MOTHYLONG BLAG	/	150ml	P	50
ETWINING BUKK-T		259	G	100
IL CYANINE R	<i>i</i>	109	G	10
MONIYL DRIVE & FRDICTION		102	Ge	WO
MOTHYLORE BELL	1	109	G	100

PACKING LIST Continuation Shee Page 20 of _____

QUENT GAL NAME	Container Information .				
CHEMICAL NAME	Number	Size	Unit	% Full	
1,10 - PITONAN-TIT RUCING NUNDITYMANG	1	57	G	20	
Brownineson Grow		5g	9	20	
DICHLORD Floures DESN ENDICATOR	/	25m1	67	56	
FERRAIN PUPICATOR		25~1	P	/0	
DI PHONYL GREATING	1	250-noj	G	0	
10 11		25g	9	40	
Ammonorum MULYSDITTE SULIN	l	zson	P	16	
Ky Crz O7 Solin	1	500 ml	G	75	
Navit / Waz Co, Solin	/	11	P	100	
Si Oz Silv	/	11	در	100	
11 NOS SOZ'N	/	18	jp	80	
KE-KEO; SOZIN	1	11	G	50	
HYDZOCUNONE SOLN		Bound	9	20	
CHESRIAC SCLW		Soum	حر ا	100	
Sovium Ansonire	2	500in1	G ₇	90	
FODING STET SOLIN		See m (75	
Ferrice Socie SOLIN	-1	150ml	P	<u> 72 </u>	
So Dium 14170 CHORING SOLW		Z5um1	P	0	
Merrency THOCYANATE SOLIN	1	50-1	P	15	
CTD FOR SOLIN	/	150ml		50	
1250y Schron	(150ml	13	50	
STARCH ENDINATION	/	150ml	2	25	
ItCI Sol'n	1	500.01	G	50	

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	Container Information .				
CHEMICAL NAME	Number	Size	Unit	% Full	
MOTHYL ROD DUDIOTOR	1	259	G	50	
Nicher Vionster Hoxy HYDRIE	1	2509	P	75	
CPA METHED SOIT SOIN	1 .	ZSOM	G	50	
Panneshy (-ammoberral solin		100ml	P	0	
Hz Poy Solia	1	2 Som	G	<5	
CALCIUM HYPOCITIER ITO SOLIN	. /	500 11	ور	Zo	
CITRIC ACID (poulse)		3009	P	20	
ic ic Sola	1	12	G	Ø	
1+2 Soy Solin	1	عاد	G	30	
Na 0 1+ 501'~	!	.11	P	75	
TCLP SOLW	1	11	·G	100	
11 (1	/	11	G	0	
Na OH Solution		500ml	P	20	
New Joy solution	l	Sooms	P	10	
11 (50.(1.))		1009	P	10	
Po FASSING Hyproxides Socuror		500~1	2	20	
17 504 Solution	-2	(moon)	_12	10	
1701 Solution.	1	500 .21	ور	20	
AMMONIAM CITATE dibase	<i>j</i>	5 16.	G	80	
Sopium BICAR BO WAID	/	5 16.	G	_5	
CARBON astrated		1 16.	P	25	
"DRIRITE"	Z	1 16	G	80	
i (1	1 16	G	100	

PACKING LIST Continuation She Page ZZ of

	Container Information				
CHEMICAL NAME	Number	Size	Unit	% Full	
POTATION CONORIDE Conjum	1	5-16,	P	25	
Sopium Grazoust		2.5 kg	حر	700	
BRUEINE SULFTAN ACID	1	500 mj		100	
CITALE ACID (gr.)	1	2.5 kg	P	5	
144 Flo Super-Cel	/	2001	جو	30	
SODIUM CHURIDET (gr.)	1.7	2.5 kg	P	100	
MICROGRAT abousive	1	7	Condboard	100	
Potrissium itychoxic	/	576	P (best	10	
TRISODIUM PHESSITUTE (TJP)		116	cordbad	<i>2</i> 0	
SILICA GOZ porger	4	5001	G (60%)	700	
BROMING	1	40m1	(60x) G	<u>5</u> °0	
Brasun Ston Drei)	1	100ml	P	50	
MOLY ROCWUM 11	1	Found	7	20	
Bieace 11	1	Soomi	P	75	
MOLYBOONUM 11	/	5001	j>	5°C	
SCZCTIUM "1	/	500 ; 21	77	80	
ARSONIC 4		500 21	2	100	
VANADIUM !!	/	Sco ml	ه	80	
207-D "	,	5001)2	60	
Nieke u	1	Sount	P	60	
CADMINA	1	Soonl	13	75	
ii I	,	150 ml	G	80	
Brown "	1	150ml	G	<i>ŞÔ</i>	

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CURVICAL MANG	Co	Container Information				
CHEMICAL NAME	Number	Size	Unit	% Full		
Ag SIN-NDARD	1	isan	Ğ	90		
11	/	150ml	حر	80		
Sriven 11	,	500mi	4	7.5		
Monoury 11		Sirving	<u>a</u>	90		
ANTIMORY 4	,	וויקטים ב	9	80		
ZINC	. /	" 500ml	ρ	60		
Nieroz II	1	500ml	פן	60		
13 APium 11	i	Soumi	P	40		
(HZ AGUIUM 4	/	1 Som	Cy	80		
Pornssum 11	,	118m1	P	80		
Moratoria- u	1	118 ml	·P	20		
Magnesium 11	j	118 m	12	90		
Calcium		218 m	ρ	80		
ARSONIC H	1	500 ml	حز	90		
LETT-12 i'		/1	61	50		
CHROMIUM 11		tı	<u> </u>	<u> </u>		
Chomium !!	1	1 (1_	60		
CORACT U	!	ž (4	60		
Bergein 11		ı,	11	75		
BARIUM "		((- 21	60		
Copper !	1	71	<i>/</i> c	80		
Morysonne 1111		п	1.1	60		
Alaminne !	1	i	11	40		

CHENT CAL NAME	Container Information			
CHEMICAL NAME	Number	Size	Unit	% Full
VANADIUM STANDARD	,	Souml	ور	80
: FRON		LI	e l	90
Sczavium "			u	90
Porassium 11	1	100 ml	P	50
GOLD 11	/	۲'	"	60
MAGNESIAM 11	. /		· ·	60
Sovium 4	/	l)	÷(100
.1	/	Soum	P	90
MOLYBOONUM 11	/	5001	<ز	80
CAPMINA II	1	. 21	lί	.80
CITREMIUM 11	,	и	. 11	75
COBALT 11		÷1	* (75
VANADIUM 11		. 19	//	60
Coppen u	1	it	j ı	60
Acaminum u		11	1 /	60
Silicon !!	1	27		25
COPPER	1		!/	70
Sicron 11.	1	Souni	G	50
MERCURY STANDAND		500 m 1	Ğ	90
Hydrochlone Acid	4	41	<u> </u>	100
ACOTIC ACID	1	500 ml	4	/0
FORMIC ACID	j	Soumi	G	50
14003	1 -	41	Ć	10

PACKING LIST Continuation She Page 25 of ____

	Container Information			
CHEMICAL NAME	Number	Size	Unit	% Full
PHOSPHURIC ACID	/	41	G	100
Corne De CD	<u> </u>	41	G	10
Sopiam comore	2	500 ml	حر	10
TCLP Soin	1	41	G	80
Cirrie Acip Solia	1	41	G	80
Su, furice Acid	_ Z_	2.5l	G	60
NITRIC Nein	3	2.5%	G	700
17	<i>t</i> .	11	le	10
TUP SOLVENT		41	11	25
"Leaned WASIE"	?	5 sul	P	80
<u> </u>	1	5 gul	j	75
Iz BONZONO (ONLIND WHO SENGON)	1	Zonl	G	25
Array 336 in MIBR	/	500 ml	G	10
h u n n	1	it	iz.	T/0
TRICITIONECTIME	1	475 ml	"	25
Iz is BENTONE	<i>L</i>	500,nl	<u> </u>	10
11 11		11	16	60
1, 1,	1	11):	2.5
Y Y LENE)	500ml	G	50
1/2 DICHLORD BOUTCHES	1	100m/	5-	90
Gly cerol	1	500ml	Ćį.	80
TEMAR PHENYL LEARS	1	20 9	G	100
V y LEVIE	j	Sooml	9	60

	Container Information				
CHEMICAL NAME	Number	Size	Unit	% Ful	
X4/ene w/ MIBN	1	150 ml	4	0	
HEXACINOROCYCIO LITEXAND	2	500 9	G	100	
G14201	1.	Sury	9	<5	
TRICHTOROSONOSTI	1	500 W	67	90	
D- (NOSOL	1	5009	И	100	
Z: CHIONO HOLUENS	1	2009	G	100	
m - Cattoi	1	1007	G	100	
- Veryliden chlowde	1	1009	G	30	
TOLUCA SUCTONIE ACIO Growby Late)	1	1009	67	60	
3- CHIERO POLINE	1	1004	61	100	
* PHONE ETHER CHANNELZOD	1	1009	a	75	
Hyprocotionic fein	/	ZSon1	6	<i>45</i>	
NITALL ACID	1	*		5	
"Cleaning Solution Gucentral"	1	Sont	P	120	
1,4 - DICIRORD Z-MUTTING SENTEMS	1	25g	G	50	
1, 2, 3, 5 TOMA CHOKORONICAS	1	101	6	80	
1, Z DICINSIES CTIFYCONG		1009	4	0	
1,3 DICINOROBERTORIS.	1	1001	6	100	
1, 2, 3 5 TETROCINORO BUNZON	1	109	6	80	
4 - Elyphopagine)	359	67	60_	
TETRACITLORO BENZEVE	2	19	G	100_	
12,3 TRICHCOMY PROPERTY	1	1004	9	100	
Xy hore Cygnol		1009	9	100	

PACKING LIST Continuation She Page 27 of .____

CURVICUL VIVE	Container Information .			
CHEMICAL NAME	Number	Size	Unit	% Full
1, 1, 2, 2, Tornochono winne	1	Zsug	G	50
A. HEMPERME CASTALION		800ml	G	60
1, 1 Prepuror mont	1	1/204	Ĝ.	60
1. Napthogunon	(75.7	P	60
OROMO-di Chloro bevorene	/	250ml	G	Be .
1.3 DI CATION 4- NOTING TON TON		76	G	50
0 DicHerry Bowwer	/	71	G	60
1,2 Dichlow 4 Methy Berezus	2	1009	4	70
Diochel Phthalate	/	1000	9	/00
1, 4 Dichlow Bencence Crystallied	<u> </u>	1009	G	100
1,7 Dibromotetraflus sethan	2	ivon 1	Ġ	100
CHROTORN	1	Soon	Ĝ	So
methyl alcohoi		250m7	_P_	So
1.2.4 TRILITOROTONETAL	j	Soon)	4	50
Droct 91 711714ALAJE DIEME		100 9	Ġ,	50
TRICHENOTOLUCAL		50.7	69	50
BROMINS		516.	4	<u>~5</u>
EFICHEURO HYDAIN)	100n	69	50
· BOPRITYL FLETATE	/	Sions	4	40
M II	,	100 M	67	100
p CAESEL	1	1000	g	100
CHRYSENE	4	1 1 1	9	/00
TSO - BUTYL ALLOHOL	1	500ml	<u> </u>	80

PACKING LIST Continuation She Page ______ of _____

CHEVICAL NAME	Container Information				
CHEMICAL NAME	Number	Size	Unit	% Full	
Brow. Ut	1	1 16.	a land	100	
2,35,6 Torna Circono promo	/	109	4	100	
0 ~ Xy Lene	1	Sooml	9	75	
Tob Dicitions PHONOL	<i>j</i>	1004	4	100	
PROPYL ACOTHORS	1	1009	4	100	
Cyclose forme		1009	G	100	
NITRO BONZENE)	5009	ü	100	
LACTIC ACUD	/	500.01	4	100	
6/4 aw/	1	500 21	G	80	
1,2,4,5 TETRACHORE BONTONIS	,	1009	G	100	
Busyl Secount	2	500ml	ġ	90	
Acrosic OTS	,	250m1	4	50	
TETRACINOROTTIFICAC		11	4	40	
"UNUVOUN HASTOO" (8/8/86)	/	Soont	a	50	
P-Xy Love_	/	Soonl	4	50	
Sopreme suifede croduls		1 76.	<i>G</i> ;	5	
T1+1072200		2500 9	4	100	
TRICHTOLOCTIFICAL.		Some	4	200	
BARCAC		Soun'	4	0	
Rearbout trainer	ļ	41	<u> </u>	10	
AL COURT 331 (TON ADE YEV) METHYLAMMER	Jun 1	<u>Sicmi</u>	ζ	50	
Pur DINE	/	500m 1	4	60	
C16 haxanina	1	11	9	100	

Page _ 79 ___ of ___

Container Information CHEMICAL NAME Size Unit % Full Number 12 Durions Errano 500 ml 6 80 60 1, 1, 1 TRICHWILLETHOND Soow! 6 DICHEROPROPERTA 11 11 100 SODIUM SULLEY TES anhylows 6 Z.5K, 25 60 MIGHT 36 (TRICARRYCYL METHYLATHWANING PROGRAMS) G USO PAOLONO 100 1000 Ce TRITTOURSTOUNENTE 4 80 Soon p - Xy lem 4 50021 50 100ml CASTRO GT MODE S.1 50 3 41 CITIORO FORM 100 Ġ CARBON TOTAL COUNTRY 30 46 Hycho chloride Sola Soon/ 10 250 ml G 50 2,6 - DIMOTHY: 28,6 - OCTATRICAN 9 50 1 - chloro Lexere 1009 # Tellitroxo BENZONE CRYDITELEED 100 ü 100 4 1, Z DIBROWN TETRA FLUORO CTHING 100 ml 50 90 Boxe y1 chlorid 100m1 ACRYCONITRILO 4 10 1009 Z 50 m 9 100 TRICHTORO PLUORE METANT (24)mizes 100 1000 Z sec-Burge -4.6- DINTREPHENOL 100 Z G 100ml Methylstyren DIAZAZO (N-methy 1-1) - hitroso-p-tologe) 50 1001 9 100 TOLICUS

DROW ID:

•	•		•	. •
CUENICAL NAME	Container Information			
CHEMICAL NAME	Number	Size	Unit	% Ful
XYLONG	1	41	4	90
I P.A	/	41	P	100
3.cozow	1.	yl	a	90
BThy! Acedate	1	42	G.	5 0
STODDITAD SOLVERT	1	41	9	200
- ACOTONITRICE		"4e	G	10
PYRIDINE	1	4.l	G	60
Z-(Z-EThoxyethoxy)-EThanul		41	4	75
EThomo?	2	41	4	40
4- methy/ - 2- pentano	1	41	q	10
Burys Acovor	/	41	4	50
Acctonitable	,	11	11	100
n-Dadecane	2	n	11	60
Addening to the (Technica (Grade))	251	4	10
"ORGANIC WASTE"	4	42	9	0
Hetone		1 get.	can	<5
"oncoure wysoes"		yl	<u>a</u>	100
Vacaum Rump 017.	1	11	P	30
Carbon Discillar	2	Sooml	9	Zo
Methy! Thy! Whome		11	2.5	100
Hexaclecare Carrows	/	500mg	a	100
Citione soview	1	4	-લ	100
Hereno 50%	/	12	9	60
HUDAMILE OIR	· /	355.ml	R	100
Car Cun	1	Saml	9	100

JPS Fuor

1 Soml 9 100

Chemical Manu	facture Name 5	Size_
i) zinc acetate (granular) Zn(C2H3O2)2. 2H2O	Mallinckrodt AR	116.
3 Sulfamic-acid 99% H3N035	Mallinckrodt oR	500gm
3 Lanthanum Chloride, 7- Hydrate LaCl3·7H20	'Baker Analyzed'	25 g
(4) strontium Nitrate Sr(NO3)2	(Amberjar)	9.5 9
3 Zinc Sulfate (crystals) Zn504.7H20	MC/B	116.
(oxalic Acid (crystals) H2C204 2H20	Malinckrodt AR	500GM
(Cutio 05)n	MC/B	Hoz.
(8) Starch (Patato powder)	Spectrum	500gm
(9.) Sulfamic Acid (crystal) NH2 503 H	Speerrum	500 gm
) (10) Vanadium Pentox(de	Fisher Scientific Co-	1139.
(11) Yttrium nitrate Y(NO3)3. 6Ha0	Rocky Mountain Research inc.	1/2 16

Chemical	Manuf. Name	Size
(12) Tantalum oxide, spec. grade Ta2 05	Alfa Inorganics Ventron	25 gm.
(13) S (rocks)	(plastic vial)	~25-52
(14) Sodium Thiosulfate (crystals) Na ₂ 5 ₂ 0 ₃ · 5H ₂ 0	Mallinekrodt AR	116.
(3) Sodium Thiosulfat (soln')	(plastic bottle)	125 mz
(10) Sodium Thiosulfate (Crystals) Naa 52 03. 5H20	Mallinckrodt AR	500 Gm
(17) Sodium Phosphate, Dibasi C (crystal) Na2HPO4 7H2O	Baker Analyzed'	116.
18) Sodium Phosphate Monobasic Natta Poy 1 HaD	Mallinckrodt AR	506 GM.
(19) Sodium Phosphate (granular) - Dibasic Heptahydrate - Naa HPO4 : 7H20	Mallinekrodt AR	1.16-
20) Sodium Phosphate (granular) - Dibasic Anhydrous- Naz HPOY	Mallinekrodt AR	<i>5</i> 00 GM
Na2 C4 H406. 2H20	Fisher Scientific	1lb.

Chemical Sodium Potassium Tartrate (crystal)	Manuf. Name Fisher Scientific	Size
Nak Cy Hy Ou · 4 H20		
Sodium Sulfite (anhydrous) Na ₂ 503	Fisher Scientific	116.
(300g/L)	(Plastic Bottle)	Liter
25) NaOH (2.5N)	(Plastic Bottle)	1 Liter (feels empty
(Soln.) (~10N)	(plastic Bottle)	500 ml Geels empty
Sodium Dichromate (granular) Na2Cr207 2H20	VWR scientific	116 (feels empty)
(28) Sodium Dichromate (technical)	Shape Products	51bs.
29) Sodium Hydroxide NaOH	EM Science	2.5kg.
(30) Sodium Carbonate Annydrous (granular) Na2C03	MallinekrodtAR	<i>5</i> 20G М
31) Sodium Carbonate Anhydrous (powder) Na ₂ CO ₃	Mallinckrodt AR	500GM
32) Sodium Carbonate Anhydrous (powder) Na ₂ CO ₃	Mallinekrodt AR	570 GM

4			
1	Chemical	, manuf. Name	sze
	(33) Sodium Borate	/ MC/B	116.
	(Sodium Tetraborate, Decanydrate)	and the state of t	water in the control of the control
	(crystals)		
9	Mary 07. 10HaD		
		Link Conde	111-
	(34.) Sodium Bisulfite	Mallinekrodt	116.
1	(35) Salicylic Acid (Crystal)	Spectrum Chem.	1259
	AND ADDRESS OF THE PARTY OF THE		
1	(36) Sodium Azide (granular)	Spectrum Chem.	1009
			U
7			Annual Manistra Communication (Communication Communication
70	(27) Silver Witrobe (amodal)	Baker Analyzed'	309
10	Aguna		
	(38) sodium bromicie (granular)	Mallinckrodt AR	116.
2	NaBr		
		·	
7	39) Sodium Azide	EM	1009.
2	Bottleis () Early	_	
	nard to (40) Sodium Hydrochloride tablets read!	MC/B	500 ml ja
_		Ria - Parama - 100	25-50.0
		Bio-Response, Inc.	~25-50 g
4	(D) Nacl	Bio-Response, Inc.	~25-50g
2		3.0 , 1.0, 1.0, 1.0, 1.0	- · · · · · · · · · · · · · · · · · · ·
4	(43) Naci	Bio-Response, Inc.	25-50g
2		·	

Chemic	al	Manuf. Name	Size
(44.) Sodiun NaCl 04	n Perchlorate (purifico	vwR Scientific	116.
45) Sodium	n lodide (granular)	MallinckrodtAR	500GM
(46) Sodi'ur Na CaH30	n Acetate - trihydrale 2.3420	Mallinekrodt	1416.
47) Silver Agno3	Nitrate (crystals)	Mallinckroat AR	loz.
(48) Sodium Na BH4	Borohydride (98%)	'Baker Analyzed'	100g.
49) Sodium NaBHy	Borohydride (98%)	Baker Analyzed'	100g ·
(drystals) (Mnoy	ium Permanganak GR	EM	5206.
packing 51) Sodium box. NaBH4	Boronydride (98%)	'Baker Analyzed'	1009
nard to read bottle (52) 5% h	mn 04	(Amber Bottle)	1 Liter
5.5% K	2520 s ium Persulfate	(plastic bottle)	~125mL
£4.) 5% I	KMnOy	(Amber Bottle)	500mL

Chemical	Manuf. Name	SZC
55.) Ammonium 1- Pyrrolidine Carbodithioat	e (cplastic bottle)	~25-50mL.
MH2 OH · HC1	k, crystal 'Baker Analyzed'	500g.
57) Potassium Chloride (crys	tal) 'Baker Analyzed'	116.
58) Sodium Chloride Corysto Nacl	al) Mallinckrodt AR	2.5 Kg .
59) Sodium Chloride + Hydroxyld Hydrochloride (12% each)	amine (plastic bottle)	2 25-50mL
60) Potassium Persulfate KaSaO8	'Baker Analyzed'	<i>5</i> 09.
(i) Sodium Hydroxide GiR (pellets) NaoH	EM	570 G.
Hydroxylamine Hydrochlorid 12% solut		~25-50mL
(3) Stannous Chloride 10 9/100ml + 1.4 ml Hosoy/	100ml (plastic Bottle)	~ 25-50ML
(H) stannaus Chloride GR (Crystals) Sn Cl2 · 2H2O	EM	1259

Chemical	Manuf. Name	aze
(15) Mercuric Nitrate Monohydrat (Granular) Hg (NO3)2·H20	e Mallinckroat	125 GM
(Hydroquinone solution	(Amber bottle)	~25-50mL
Collo NHNH CON: NCOH5 · COH5 NHNH C	Mallinckrodt CONHNHCOHS	10GM
(18) Bromophenol Blue, A.C.S.	Aldrich Chem. co.	59.
(19) Potassium Permanganate Stock 223mg Potassium Permanganate po		250ML
(for chloride testing)	(glass flask)	500ML
(3) HN03 Soln.	(amber bottle)	12.
€ Hg (NO3)2 .012 N	(amber bottle)	14.
Mercuric Nitrate Titrant . 025 N	(amber bottle)	14.
0.138N	(amber bottle)	500mL
75, mixed indicator reagent	(amber bottle)	500 mc

Chemical	_	manuf. Name	Size
Mercuric 0.261 N	Nitrate titrant	(amber bottle)	<i>1 L</i> .
77) Hg (NO3)) a	(Amber bottle)	14.
(78) Alphazur	rine Indicator Solution	n (Amber bottle)	50mL
(79) Hg (5CN (for C1 de) a in methyl alcohol	Summer Chem. Co.	250mL
80. Alphazur	ine Blue-Green Dye	(Amber bottle)	125mL
(BI.) Alphazur	ine Patent Blue	Spectrum Chem.	25GM

Attachment D Site Specific Health & Safety and Spill Contingency Plan

Entech Analytical Labs, Inc. (Former Trace Analysis Laboratory, Inc.)

Site Specific Health & Safety Plan and Spill Contingency Plan

3423 Investment Blvd. Suite 8 Hayward, California



HEALTH, SAFETY, EMERGENCY RESPONSE, AND AND EVACUATION PLAN TRAINING

I. Safe Handling of Hazardous Materials

- o Use safety goggles when working with chemicals in open containers.
- Work with solvents, acids, and other hazardous materials in fume hoods.
- o Wear gloves when working with hazardous materials.
- o Store all chemicals away from heat and flame.
- o Return chemicals to their proper storage place. Flammables go into the flammable storage chest.
- o Keep aisles and counters clear.
- o Reinstall protective caps on gas cylinders as quickly as possible.
- o Report injuries to a supervisor. In any case, do not delay treatment.
- o Labeling of chemicals. Location of MSDS.

II. Contacting Local Emergency Response Organizations

o Call the Fire Department at 732-2626 or 911

Tell them to come to: Trace Analysis Laboratory 3423 Investment Boulevard

Unit 8 Hayward

Phone: 783-6960

This is between Eden Landing Road and Production Avenue. We have a front and two back doors.

o Call the State Office of Emergency Services at 1-800-852-7550.

III. Use of Emergency Response Equipment and Supplies

- o Circuit breaker: Switch off to reduce an electrical fire.
- o Fire extinguisher: Pull pin, pull trigger, and spray fire.
- o Adsorbent: Open bag and pour on spill, then sweep adsorbent.
- o Eye Wash: Position head and squeeze bottle.

rev. 9/93



III. Use of Emergency Response Equipment and Supplies, continued

o Boots: Use to prevent contact with a spill.

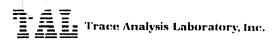
o Respirator: Use to prevent inhalation of fumes.

o Doors: Open for ventilation, or to escape fumes.

IV. Emergency Response and Evacuation Plan

o Attached

o Posted in laboratory by emergency response equipment and on doors to glassware cabinets.



HEALTH, SAFETY, EMERGENCY RESPONSE, AND EVACUATION PLAN

FIRE

- 1. Notify any supervisory personnel.
- 2. All lab employees are to use fire extinguishers to fight the fire.
- 3. When fire extinguishers are exhausted or the fire threatens your safety, move away or leave the building. See Evacuation Map on Page 6. Go to the picnic tables next to the rear parking lot.
- 4. The notified supervisor should inspect the fire and call the fire department as needed:

732-2626 or 911

Tell them to come to: Trace Analysis Laboratory

3423 Investment Boulevard

Unit Number 8

Hayward

Phone: 783-6960

This is between Eden Landing Road and Production Avenue. We have a front and two back doors.

- 5. The supervisor should direct one person to the Investment Boulevard fire hydrant and one to the rear parking lot to direct the fire department.
- 6. If the fire gets bad, get out of the building. Alert our neighbors upstairs and beside us. See Evacuation Map on Page 6.
 Go to the picnic tables next to the rear parking lot.
- 7. For minor medical treatment during the daytime:

Medical Express 22429 Hesperian Boulevard (north of Winton) Hayward 782-7111

8. For major medical treatment or treatment after hours:

Saint Rose Hospital 27200 Calaroga Avenue (at Tennyson) Hayward 783-1123 or 911

Take Hesperian south to east on Tennyson.

9. The building may be re-entered when the fire department (if called) and the supervisor indicate it is safe to do so.



HEALTH, SAFETY, EMERGENCY RESPONSE, AND EVACUATION PLAN

SPILL

- 1. Notify any supervisory personnel.
- 2. The supervisor and one employee are to contain the spill. All others are to leave the building and open the doors, if fumes are present. Alert the neighbors as needed. See Evacuation Map on Page 6. Go to picnic tables next to rear parking lot.
- 3. If flammable material, turn off AA flame and FID flames.
- 4. Don boots as needed, a must for acid spills.
- 5. Pour absorbent (Hazorb) on spill and sweep-up. Go outside for fresh air as needed--wear respirator as needed.
- 6. Return to lab only when fumes have dissipated <u>and</u> supervisor indicates it is safe to do so.
- 7. For spills of 5 gallons or more, call the fire department as needed.

732-2626 or 911

Tell them to come to:

Trace Analysis Laboratory 3423 Investment Boulevard Unit Number 8 Hayward 783-6960

This is between Eden Landing Road and Production Avenue. We have a front and two back doors.

8. For minor medical treatment during the daytime:

Medical Express 22429 Hesperian Boulevard (north of Winton) Hayward 782-7111

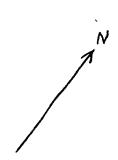
9. For major medical treatment or treatment after hours:

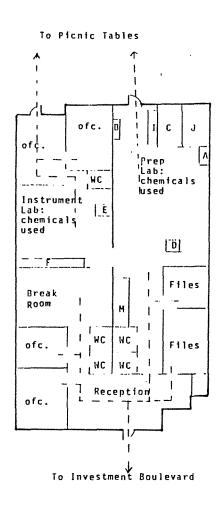
Saint Rose Hospital 27200 Calaroga Avenue (at Tennyson) Hayward 783-1123 or 911

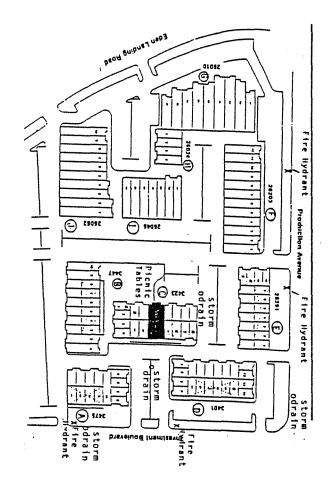
Take Hesperian south to east on Tennyson.

10. The building may be re-entered when the fire department (if called) and the supervisor indicate it is safe to do so.

EMERGENCY RESPONSE AND EVACUATION PLAN EVACUATION MAP







Attachment B Hazardous Waste Manifests

An Environmental Services Company

JANUARY 8, 1997

Mike Golden Entech Analytical Labs, Inc. 525 Del Rey Ave. Suite E Sunnyvale, Ca. 94086

RE: Lab Pack Project at Trace Analytical in Hayward, Ca.

Dear Mike:

South Bay Chemical Company, Inc. is pleased to provide pricing and related information on the above referenced project. Based upon a site visit and discussion with you, we understand the project's scope of work to be as follows:

SCOPE OF WORK

The project involves the packaging, transportation and disposal of a variety of laboratory chemicals located at your facility. The chemicals involved include corrosives, pesticides and other miscellaneous chemical reagents. South Bay Chemical has a philosophy of recycling and reuse as primary methods of laboratory chemicals management. It is with this philosophy that this project will be executed. Chemicals that can not be feasibly recycled or reused, will be incinerated or landfilled at approved disposal facilities.

Excluded are any unidentified/unknown chemicals. South Bay Chemical will provide all necessary manpower, equipment and materials to execute this project "Turn-Key", including completion of all necessary paperwork and shipping documentation. All work will be performed in compliance with applicable federal, state and local regulations and laws.

PRICING

Pricing for this project is addressed in the enclosed cost proposal and is based upon an inventory of chemicals reviewed during my site visit on January 3rd. Unit transportation and disposal pricing is outlined for each disposal category. Pricing is valid for 30 days and does not include any hazardous waste disposal taxes or fees you may be obligated to pay. Payment terms are Net 30 days with purchase order.

Mike Golden Entech Analytical Labs, Inc. January 8, 1997 Page 2

To acknowledge your acceptance of this proposal, please sign where noted below and fax back to us at (408) 634-0190. Pending notification by you, we will initiate the steps necessary to insure prompt removal of your laboratory chemicals. If you have any questions regarding this proposal, please feel free to contact me at (408) 634-0355.

Sincerely,

South Bay Chemical Company, Inc.

Mel Nielsen Sr.

Mike Golden Entech Analytical Labs, Inc.

January 8, 1997 Page 3

\$2,520.60

COST PROPOSAL

Manpower:
Packaging and Administrative charge (lump sum)\$ 427.50
Transportation and Disposal:
2 x 55 gal labpack Non-RCRA Solids @ \$125,00=\$250.00
1 x 30 gal lab pack acid, organic solvent @ \$395.00
1 x55 gal labpack Acids @ \$300.00
2 x 55 gal labpack mixed solvent @ \$310.00=\$620.00
Total Transportation and Disposal\$ 1,760.50
Materials:
Drums, absorbent, etc. (lump sum)\$ 332.60

Total Project Cost

Yellow:

WASTE MANIFEST C A D 9 8 1 6 4 O 6 2 6 3 1 5 9 7 of 1 3. Generator's Name and Mailing Address A. State Manifest Docum	is not required by Federal law.
TRACE ANALYTICAL LARS 3423 INVESTMENT #8 B. Stote Generator's ID	9639270
4. Generator's Phone HAYWARD CA 94545 (408)634-0190	
5. Transporter 1 Company Name 6. US EPA ID Number C. State Transporter's ID	<u> </u>
Bux lington Environmental, WAROOOO01743 D. Transporter's Phone 8. US EPA ID Number E. State Transporter's ID	(206) 383-3044
F. Transporter's Phone	<u> </u>
9. Designated Facility Name and Site Address 10. US EPA ID Number G. State Facility's ID BUX Lington Environmental, Inc.	
734 South Lucile Street H. Facility's Phone	
Seattle, WA 98108 WADDOOO8112909 (2	06) 762-3362
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number) 12. Containers 13. Total No. Type Quantity	14. Unit Waste Number
a.	State
RO, WASTR FOXIC LIQUIDS, CORROSIVE, ORGANIC, M.O.S. (CRESOLS,	70 551 9 9 9 EPA/Other 1004
E ANDERSON AND SALTED AND THE SALTED	5
N b.	State -
\mathbf{R}	EPA/Other Communication of the
T c.	State
	EPA/Other
	Era/Oller
. d.	State
	EPA/Other
J. Additional Descriptions for Materials Listed Above K. Handling Codes for W	Vastes Listed Above
a) 3397-00 0007 0169 0036 P105 0005 0188 0044 6070 0228 0211 0061 0009-0218 - a.	b.
YOKIC LIQUIDS LARPACK - INCL4	
	d.
I I	AA HAVRASO CA
15. Special Handling Instructions and Additional Information SITE ADDRESS: TRACK ANALYTICAL, 3423 INVESTIGATE AVE	
offic abbands, fanch menutifors, 3223 threshami ava.	And interest out
24 hr Fuedoen N Parana Call Co	
24 hR EMERGEN CY RESPONSE CALL (206-872-	7859)
24 hr Fuedoen N Parana Call Co	7 8 59) per shipping name and are classified,
24 hR EMERGEN CY Response CAII (206-872- 16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and occurately described above by propocked, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and	7 8 59) per shipping name and are classified, and national government regulations.
24 hR EMERGEN CY Response CAII (206-872- 16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and occurately described above by prop packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international at If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me with the contents of this consignment are fully and accurately described above by proportional processing the contents of the contents of this consignment are fully and accurately described above by proportional processing the contents of the contents of this consignment are fully and accurately described above by proportional processing the contents of this consignment are fully and accurately described above by proportional processing the contents of this consignment are fully and accurately described above by proportional processing the contents of the contents of this consignment are fully and accurately described above by proportional processing the contents of the	over shipping name and are classified, and national government regulations. The degree I have determined to be thich minimizes the present and future
24 hR EMERGEN CY Response CAII (206-872- 16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and occurately described above by prop packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international at If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me with threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my	over shipping name and are classified, and national government regulations. The degree I have determined to be thich minimizes the present and future
24 hR EMERGEN CY Response CAII (206-872- 16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and occurately described above by prop packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international at If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me with the contents of this consignment are fully and accurately described above by proportional processing the contents of the contents of this consignment are fully and accurately described above by proportional processing the contents of the contents of this consignment are fully and accurately described above by proportional processing the contents of this consignment are fully and accurately described above by proportional processing the contents of this consignment are fully and accurately described above by proportional processing the contents of the contents of this consignment are fully and accurately described above by proportional processing the contents of the	over shipping name and are classified, and national government regulations. The degree I have determined to be thich minimizes the present and future
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CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

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1	d.	EXABICA !		- 3 0 1	0 1	00000		State
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1	J. Additional Descriptions for Materials Listed a) 3097-00 P098 P030 - cyanide 1) 3197-00 DOG&	0005 0006	X. Handi a.	ing Codes for Wast	es Listed Ab	iov ė
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1	DOOR DOLD DOLL - ACIDIC LARPACE WATLE (4)	- MATIO (3) 0) 3291-	nn . cumpiic	urrinua -	C.		d.	
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20. Facility Owner or Operator Certification of	of receipt of hazardaus mat	erials covered by this	nanifest even	t as no	ted in Item	. 10		
Printed/Typed Name	/	Signature	- /)	. 44 110	1 7		Mont	h Day
	, ,		, ,			,		

CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802: WITHIN CALIFORNIA, CALL 1-800-852-7550

UNIFORM, HAZARDOUS			ent Nu		2. Page 1	l informatio	on in the shaded a
WASTE MANIFEST C A D 9 8 1 6 4 0 6 2 6 3		14		•••	of 1		uired by Federal I
3. Generator's Name and Mailing Address) 1	14	The state of the state of	State.	Manifest Documen	l Number	
TRACE ANALYTICAL LABS	4.8					C	16392
3423 INVESTMENT #8	4	4		Ctta	Generator's ID	<u> </u>	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
		ŧ	1	Jidie	i i i i i		
4. Generator's Phone MAYWARD CA 94545 (408)634-0190				L		<u> </u>	
5. Transporter 1 Company Name 6. US EPA ID Number	/ /		ļC.	State	Transporter's ID		
	4 (194)	مانسا	, D.	Trans	porter's Phone		1000 0044
Buriington Environmental, W A R O O O O O 7. Transporter 2 Company Name 8. US EPA ID Number	1 /	4 .			7 / / / / / / / / / / / / / / / / / / /	(206) 383-304 <u>4</u>
7. Transporter 2 Company Name 6. 03 CFA 10 Number			- -	Jiaie	Transporter's ID		
		1	F.	Trans	porter's Phone	1	100
9. Designated Facility Name and Site Address 10. US EPA ID Number			G.	State	Facility's ID		
BURLINGTON ENVIRONMENTAL, INC.				- 1	1111	1.1	
20245 77TH AVENUE SOUTH			Н.	Facilit	y's Phone		<u> </u>
KENT, WA 98032 W A D 9 1 2 8	1 7	61.	7		1200	5) 872	_8030
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11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	·	٧٥,		/pe	Quantity	Wt/Vol	1. Waste Numb
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			c.			d.	
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15. Special Handling Instructions and Additional Information GENERATOR ADDRESS: TRA	CR ANA	LITI	CAL,	342	3 Investment	AVB. 18,	
RAYWARD, CA			•	-			
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully							
packed, marked, and labeled, and are in all respects in proper condition for transport by highwa	ay accor	ding t	o abb	licable	international and	national gov	rernment regulation
If I am a large quantity generator, I certify that I have a program in place to reduce the vol	lume on	d tox	icity o	wast	te generated to the	dearee i h	ave determined t
economically practicable and that I have selected the practicable method of treatment, storage,	, or disp	osal	current	ty avo	ailable to me which	minimizes	the present and fu
threat to human health and the environment; OR, if I am a small quantity generator, I have m	ade a g	good	faith e	ffort 1	to minimize my wa	ste generati	on and select the
waste management method that is available to me and that I can afford. Printed/Typed Name Signature		<i>t.</i>	A.	1 3	1. down	A Mor	nth Day
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17. Transporter 1 Acknowledgement of Receipt of Materials	<u> </u>	<u>us</u>		72	<u> </u>	101	<u> </u>
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18. Transporter 2 Acknowledgement of Receipt of Materials							- 1 2
Printed/Typed Name Signature						Mor	nth Day
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19. Discrepancy Indication Space							
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manife	est excer	ot as i	noted	n Item	n 19.		
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manife	est excer	ot as i	noted i	n Item	n 19.	Mon	nth Day

Yellow: TSDF

CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802: WITHIN CALIFORNIA, CALL 1-800-852-7550

•	UNIFORM HAZARDOUS	anifest Docume		97CO41B 2. Poge 1	Information in the shaded areas is not required by Federal law.
١	WASTE MANIFEST C A D 9 8 1 6 4 0 6 2 6 3	1 5	9 7	of 1	
1	3. Generator's Name and Mailing Address		A. State	Manifest Documen	
ı	TRACE ANALYTICAL LABS				9639270
1	3423 INVESTMENT #8		B State	Generator's ID	
				ouncided to	
ı	4. Generator's Phone HAYWARD CA 94545 (408)634-0190				
-	5. Transporter 1 Compony Name 6. US EPA ID Number		C. State	Transporter's ID	
1			N T		
	Burlington Environmental, WAROOOO	1 7 4 3	D. Irans	porter's Phone	(206)383-3044
- 1	7. Transporter 2 Company Name 8. US EPA ID Number			Transporter's ID	g (2 - 0) (c)
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1			F. Trans	porter's Phone	() -
	9. Designated Facility Name and Site Address 10. US EPA ID Number		G. State	Facility's ID	
ľ	Burlington Environmental, Inc.		- 1	11111	
-	,		H. Facilit	u's Phone	
S .	734 South Lucile Street	1 1 1		y 3 1 11011C	
1	Seattle, WA 98108 WADOO081			(20€	
	11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Co		13. Total	14. Unit Wt/Vol 1. Waste Number
ı		No.	Type	Quantity	Wt/Vol I. Waste Number State
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	J. Additional Descriptions for Materials Listed Above		K. Handi	ing Codes for Was	tes Listed Above
	a) 3397-00 U007 U169 D036 P105 D005 U188 U044 D070 U228 U211 UG61 D009	- UZ18 -	a.		6
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ı	15. Special Handling Instructions and Additional Information CTSF ADDRESS. Space ANALY		100 700-	*****	. wantitae
ı	15. Special Handling Instructions and Additional Information STATE ADDRESS: TRACE ARAI	LITICAL, 30	123 THAR	STREAT AVE. \$	f, HAIWAKU, CA
ı	24 ha theresay				
1	24 BR EMERGENCY RESPONSE CALL	12n	<u>_</u> °	272-	7859
1	757	(20		2 / OK	
1	1/ OPERATORIC OPPERICATION III II I				
L	16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully packed, marked, and labeled, and are in all respects in proper condition for transport by highwo				
ľ	pocked, marked, and labered, and are in all respects in proper condition for transport by highwo	ay occording to	, applicable	anerranonal and	nanona government regulations.
	If I am a large quantity generator, I certify that I have a program in place to reduce the vol	lume and toxic	ity of wos	e generated to the	e degree I have determined to be
1	economically practicable and that I have selected the practicable method of treatment, storage,				
1	threat to humon health and the environment; OR; if I am a small quantity generator, I have m				
I	waste management method that is available to me and that I can afford.	7.1	2	1 ATRONS	
	Printed/Typed Names Signature	والمالسليد	PCVA	18/270	Month Day Ye
Y	III. E. NICLEN METHE		unak	su cal	03217
T	17. Transporter 1 Acknowledgement of Receipt of Materials	\sim			
:	Printed/Typed Name Signature				Month Day Y
<u>.</u>	KON Shire Kons	The	~_		03 4 9
K S	18. Transporter 2 Acknowledgement of Receipt of Materials				
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KSPORTER	LON 3 MINON UNS			· · · · · · · · · · · · · · · · · · ·	- ANTI-
N SPORTER	19. Discrepancy Indication Space	/			
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A		<u> </u>		.4	
A C I L I	20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manife	est except as n	oted in Item	1 19.	
A C I L		est except as n	oted in Item	19.	Month Doy Ye

Yellow: TSD

Attachment C Closure Notification

Entech Analytical Labs, Inc.

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94086 • (408) 735-1550 • Fax (408) 735-1554

March 4, 1997

Mr. Hugh Murphy City of Hayward Fire Department Hazardous Materials Office 25151 Clawiter Road Hayward, CA 94545

Dear Mr. Murphy:

Please find enclosed Closure Plan for the Trace Analysis Laboratory facility at 3423 Investment Blvd., Suite 8, Hayward, CA 94545. This facility was operated by Entech Analytical Labs, Inc. d.b.a. Trace Analysis Laboratory from April, 1996 (after purchase of the assets of Trace Analysis Laboratory, Inc.) through the closure period.

As part of the closure process Entech has contracted with the following companies to assist us:

- South Bay Chemical/Hollister, CA-classify and properly dispose of all chemicals and hazardous materials at the facility. Many of the chemicals have already been disposed by South Bay and Philip Environmental, a hazardous waste transporter as part of our shutdown of daily operations at this facility. Copies of all hazardous waste manifests will be provided with the final closure report.
- 2. Radian D-Tech/Sunnyvale, CA-decontamination of surfaces potentially contaminated with hazardous materials.

Upon completion of your review process we will proceed with the final decontamination and any other activities required by the City of Hayward Fire Department. At that time a final report will be filed for your review.

Please advise me if there are additional items that need to be addressed to complete the closure process for this facility in accordance with the City of Hayward requirements. I can be reached at (408) 735-1550 X30.

Sincerely,

Entech Analytical Labs, Inc.

Michael N. Golden CEO/Lab Director

Mucavil MSo-

Attachment D City of Hayward Fire Department Inspection Report



HAYWARD F E DEPARTMENT HAZARDOUS MATERIALS OFFICE

25151 CLAWITER RD., HAYWARD, CA 94545-2731 Telephone: (510) 293-8695 • Fax: (510) 293-5017

INSPECTION REPORT

INSTECTION TIETOTT
Street Address: 3433 JWBSTWENT AWA SULLE C. Name of Facility: TRACE ENTECH ANALYTICAL CABS Facility Representative: Mile Golden Tel. No.: 408) 735-1550 Type of Business/Facility: LAB.
Closure Inspection - Closure plan received 03/10/97 - Wristes manifested & sent to Burlington Emurjonmental, Inc. - Manipoto & 120245 77th Avenue South - Manipoton & 120245 77th Avenue South - Manipoton & Kent, WA 98032
mortands comoved & from of facility was strip tested (cosulted in pH 7).
No hazardous muterials remaining at the facility.
1) Juli Final Closure Report within 30 days of this date (i.e., 06/13/17).
FAILURE TO COMPLY WITH THE REQUIREMENTS ESTABLISHED IN THIS FIELD INSPECTION REPORT OR IN SUBSEQUENT CORRESPONDENCE MAY RESULT IN THE ISSUANCE OF A NOTICE OF NONCOMPLIANCE AS PROVIDED IN SECTION 3-8.55 OF THE HAYWARD MUNICIPAL CODE. NONCOMPLIANCE IS PUNISHABLE BY CRIMINAL AND/OR CIVIL PENALTIES UNDER SECTIONS 3-8.64 AND 3-8.65 OF THE HAYWARD MUNICIPAL CODE, OR OTHER APPLICABLE FEDERAL AND STATE LAWS AND REGULATIONS.

Signature of Facility Representative

Page ___ of _

⟨AR15AT00003027⟨⟨⟩090⟨ **⟨-NF>T FOR** Accounts Receivable In the Transaction Inquiry FMIS-74.45 1922 Invoice # \(18573 \) Dept HAZARDOUS N Name BIOTIUM INC Inv Date 07/01/2008 Inv Amt Addr 3423 INVESTMENT BLVD #8 City HAYWARD CA 94545 Last Pmt Rcv 07/25/2008 Amt 430.00-Phone (510) 265-1027 Ext Amount Due Customer # 18809 01 HAZARDOUS MATERIALS STORAGE, RANGE 2A FOR 3423 INVESTMENT BLVD #8, FY 2009 Activity # 8280-01 Pd Fy 08/09 Permit # Parcel # Type Description Hours Amount Entry Date Date 07/01/2008 4440 308.00+ 07/01/2008 07/01/2008 4440 07/01/2008 07/01/2008 4447 98.00+ 07/01/2008 07/01/2008 2271001 24.00+ 07/01/2008 430.00+ 07/01/2008 07/01/2008 INVOICE

430.00- 07/25/2008

⟨STATUS=10 - OTH INVS: 194873 171096 157664 146517 136182 1₺≪ 11:58:01:21 INQUIRY REQUEST

07/25/2008 PAYMENT C#00003674 R#02696



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HAYWARD FIRE DEPARTMENT

A Certified Unified Program Agency 777 B Street, Hayward, CA 94541-5007 TEL: (510) 583-4910 FAX (510) 583-3641 • TDD (510) 247-3340

RECEIVED BY FIRE PREVENTION OFFICE

CALIFORNIA	OCT 0 6 2008
PER	EMIT TRANSFER FORM
	ATED PERMIT AND REGISTRATION
	TE UNDERGROUND STORAGE TANK
FERMIT TO OFERA	TE UNDERGROUND STORAGE TAINE
ORIGINALLY ISSUED TO	
Name of Facility: Brotium, Inc.	Executive Contact: VIVIEN Chen, Operations Manager Mailing Address:
street Address: 3423 In Vestment Blvd. Suite 8	Mailing Address: 343 Investment Blud. Ste. 8
Permit Type: ☐Full ☐ Provisional ☐ Temporary	City/State/ZIP:
Registration/Permit Number: 09-0027902-018809	Date of Issue: Date of Expiry: 7/22/08 & & & & & & & & & & & & & & & & & & &
TRANSFERRED TO 87867 -6/88	29
Name of Facility: Brothum, Inc.	Executive Gontact: Viview Chen, Operations Manager
Street Address: 3159 Corporate place	Mailing Address: 3159 Corporate place
☐ CHANGE IN OWNERSHIP OF FACILITY / UST SYSTEM	Hayward, CA 94545
CHANGE IN LOCATION OF BUSINESS, SAME OWNERS	Date of Transfer: Date of Expiry:
CERTIFICATION	
I certify that I have read and I hereby accept the terms and Consolidated Permit and Registration and the original Perm Transfer Form. I agree to comply with all permit condition codes, policies, rules and regulations relating to the storage materials above hazardous waste and the operation of under Signature of New owner/Operator Printed Name of the Consolidate of Name of the Signature of New owner/Operator	mit to Operate Underground Storage Tank attached to this and all local, state and federal ordinances, laws, statutes, e, use, handling, generation and disposal of hazardous erground petroleum storage tank systems. Men perettens Manges 1/30/2008 and Title Date Signed
FOR OFFICE USE ONLY	
Date Payment Received: Payment Reference: 1/22/2004 CIC 3674 FACIL.	Machine Validation / Official Receipt
Total Amount Paid: State Surcharge Paid:	1
\$ 430 \$ 24	dugalang
Mo new fees charged for new location.	Approved by the City of Hayward Fire Department

OF HAYWARD CALIFORNIA

HAYWARD FIRE DEPARTMENT

RECEIVED BY FIRE PREVENTION OFFICE

A Certified Unified Program Agency
777 B Street, Hayward, CA 94541-5007

777 B Street, Hayward, CA 94541-5007 TEL: (510) 583-4910 FAX (510) 583-3641 • TDD (510) 247-3340

HAYWARD FIRE DEPARTMENT

UNIFIED PROGRAM CONSOLIDATED PERMIT AND REGISTRATION

	Issu	! to					
Name of Facility:		executive Contact:					
BIOTIUM, INC		VIVIEN CHEN, OPERATIONS MA	ANAGER				
Street Address:		failing Address:					
3423 INVESTMENT BLVD	#8	3423 INVESTMENT BLVD #8					
Permit Type: ☐Full ☐I	Provisional Temporary	Sity/State/ZIP:					
Registration/Permit Number:		HAYWARD. CA 94545 Telephone Number at Facility:					
09-0027902-018809		265-1027					
Unified Hazard	For the following lous Materials and Ha	elements of the rdous Waste Management	Program				
Hazardous Materials	Storage (Range)	Hazardous Waste Generator	Program(_{—ŒSQG})				
☑XXX¥¥äzardous Materials I	Business Plan	Tiered Permit Program for Onsite Treatment of Hazardon	us Waste:				
Aboveground Petroleum Storage, SPCC Plan		PBR;CA	;CE				
Underground Storagetanks; Facility		California Accidental Release Program and/or Federal Risk					
I certify that I have read and I hereby accept the terms and conditions printed on the other side of this Unified Program Consolidated Permit and Registration. I agree to comply with all permit conditions and all local, state and federal ordinances, laws, statutes, codes, policies, rules and regulations relating to the storage, use, handling, generation and disposal of hazardous materials and/or hazardous waste.							
	FOR OFFIC	JSE ONLY					
Effective Date:	Expiration Date:	fachine Validation / Official Receipt					
7-22-08	06/30/2009						
Date Payment Received:	Payment Reference:	\					
7-22-08	CK#3674	$\mathcal{O}(1)$					
Total Amount Paid:	State Surcharge Paid:	Oprigonim	1K13/K				
\$ 430.00 POSIL	\$24.00	Approved by the City of Hayward	Fire Department				

This permit shall not be construed as proof of compliance with any permitting, registration, licensing and/or other requirements of the Hayward Fire Department or of any other city, state, or federal agency.



HAYWARD FIRE DEPARTMENT

777 B Street, Hayward, CA 94541-5007

FIRE PREVENTION OFFICE A Certified Unified Program Agency

JUL 0 2 2007

RECEIVED BY

TEL: (510) 583-4910 FAX (510) 583-3641 • TDD (510) 247-3340 HAYWARD FIRE DEPARTMENT

UNIFIED PROGRAM CONSOLIDATED PERMIT AND REGISTRATION

Issu	ed to					
Name of Facility: BIOTIUM, INC	Executive Contact: VIVIEN CHEN, OPERATIONS MANAGER					
Street Address: 3423 INVESTMENT BLVD #8	Mailing Address: 3423 INVESTMENT BLVD #8					
Permit Type: □Full □Provisional □Temporary	City/State/ZIP: HAYWARD, CA 94545					
Registration/Permit Number: 08-0027902-018809	Telephone Number at Facility: 265-1027					
For the following elements of the Unified Hazardous Materials and Hazardous Waste Management Program						
□ Hazardous Materials Storage (Range 2A)	☐XXX Hazardous Waste Generator Program (CESQG)					
Hazardous Materials Business Plan Aboveground Petroleum Storage, SPCC Plan	Tiered Permit Program for Onsite Treatment of Hazardous Waste:PBR;CA;CE					
Underground Storage Tank Programtanks; Facility No. : 01-003	California Accidental Release Prevention Program and/or Federal Risk Management Plan					
I certify that I have read and I hereby accept the terms and conditions printed on the other side of this Unified Program Consolidated Permit and Registration. I agree to comply with all permit conditions and all local, state and federal ordinances, laws, statutes, codes, policies, rules and regulations relating to the storage, use, handling, generation and disposal of hazardous materials and/or hazardous waste. Viven Decaptors Manger + 1810						
	E USE ONLY					
Effective Date: 07 02 2007 Date Payment Received: 07 02 2007 Payment Reference: 07 02 2007 Total Amount Paid: \$ 430.00 Expiration Date: 06/30/2008 Payment Reference: 04 2980 State Surcharge Paid: \$ 24.00	Approved by the City of Hayward Fire Department					

This permit shall not be construed as proof of compliance with any permitting, registration, licensing and/or other requirements of the Hayward Fire Department or of any other city, state, or federal agency.



HAYWARD FIRE DEPARTMENT

RECEIVED BY FIRE MARSELL S DEPO A Certified Unified Program Agency 777 B Street, Hayward, CA 94541-5007

TEL: (510) 583-4910 FAX (510) 583-3641 • TDD (510) 247-3340

JUN 2 9 2006

HAYWARD FIRE DEPARTMENT

LINIFIED PROGRAM CONSOLIDATED PERMIT AND REGISTRATION

UNITED TRO	JIMINI CONSOLIDA	1 1212	LEWIT AND REGISTRATION			
	Issu	ed to				
Name of Facility:		Execut	tive Contact:			
BIOTIUM, INC			VIEN CHEN, OPERATIONS MANAGER			
Street Address: 3423 INVESTMENT BLVD	#8	Mailing Address: 3423 INVESTMENT BLVD #8				
Permit Type: ∭Full □I	Provisional □Temporary	City/State/ZIP: HAYWARD, CA 94545				
Registration/Permit Number: 07-0027902-018809		Telephone Number at Facility: 265-1027				
Unified Hazard	For the following dous Materials and Ha	_	ments of the ous Waste Management Program			
Wxx Hazardous Materials	Storage (Range <u>1A</u>)	Qxx	Hazardous Waste Generator Program (<u>CESOG</u>)			
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX			Tiered Permit Program for Onsite Treatment of Hazardous Waste:			
Aboveground Petroleu	um Storage, SPCC Plan		PBR;CA;CE			
Underground Storage Tank Program tanks; Facility No.: 01-003			California Accidental Release Prevention Program and/or Federal Risk Management Plan			
Consolidated Permit and R ordinances, laws, statutes, or	degistration. I agree to comply with codes, policies, rules and regulational regulations and/or hazardous waste.	condition ith all prions rel	ons printed on the other side of this Unified Program permit conditions and all local, state and federal ating to the storage, use, handling, generation and Operations Manager b/20/2006 Date Signed			
	FOR OFFICE	E USE	ONLY			
Effective Date: 07/01/2006	Expiration Date: 06/30/2007	Machir	ne Validation / Official Receipt			
Date Payment Received:	Payment Reference:	g records.	Muzeum M. Duff			
Total Amount Paid:	State Surcharge Paid:		Mary Ollmorn			

This permit shall not be construed as proof of compliance with any permitting, registration, licensing and/or other requirements of the Hayward Fire Department or of any other city, state, or federal agency.

Approved by the City of Hayward Fire Department

\$ 287.00 POSTED\$ 24.00



Total Amount Paid:

287.00

HAYWARD FIRE DEPARTMENT

287.00

A Certified Unified Program Agency
777 B Street, Hayward, CA 94541-5007
TEL: (510) 583-4910 FAX (510) 583-3641 • TDD (510) 247-3340

UNIFIED PROGRAM CONSOLIDATED PERMIT AND REGISTRATION

Issu	ued to				
Name of Facility:	Executive Contact:				
BIOTIUM, INC	VIVIEN CHEN, OPERATIONS MANAGER				
Street Address: 3423 INVESTMENT BLVD	Mailing Address: 3423 INVESTMENT BLVD #8				
Permit Type: ☐ Full ☐ Provisional ☐ Temporary	City/State/ZIP:				
Tomicy, ypo.	HAYWARD, CA 94545				
Registration/Permit Number: 06-0027902-018809	Telephone Number at Facility: 265-1027				
_	g elements of the zardous Waste Management Program				
Hazardous Materials Storage (Range 1A)	XXX Hazardous Waste Generator Program (<u>CESOG</u>)				
Hazardous Materials Business Plan	Tiered Permit Program for Onsite Treatment of Hazardous Waste:				
Aboveground Petroleum Storage, SPCC Plan	PBR; CA; CE				
Underground Storage Tank Program tanks; Facility No. : 01-003	California Accidental Release Prevention Program and/or Federal Risk Management Plan				
I certify that I have read and I hereby accept the terms and of Consolidated Permit and Registration. I agree to comply we ordinances, laws, statutes, codes, policies, rules and regulated disposal of hazardous materials and/or hazardous waste. Signature of policiant Printed Name and	ith all permit conditions and all local, state and federal ions relating to the storage, use, handling, generation and her Cheu Dorations Manager 6/8/05				
FOR OFFICE	E USE ONLY				
Effective Date: Expiration Date: 07/01/2005 06/30/2006	Machine Validation / Official Receipt				
Date Payment Received: Payment Reference: 6/24/05 MF 2037	010.m.				

This permit shall not be construed as proof of compliance with any permitting, registration, licensing and/or other requirements of the Hayward Fire Department or of any other city, state, or federal agency.

Approved by the City of Hayward Fire Department

State Surcharge Paid: \$ 24.00

AYWARD FIRE DEPARTMENT

A Certified Unified Program Agency
777 B Street, Hayward, CA 94541-5007
TEL. (510) 583-4910 ■ FAX (510) 583-3641 ■ TDD (510) 247-3340

BUSINESS ACTIVITIES FORM

APPLICATION FOR A CONSOLIDATED PERMIT/REGISTRATION UNIFIED HAZARDOUS MATERIALS / HAZARDOUS WASTE MANAGEMENT REGULATORY PROGRAM

(Before completing this form, please read the instructions printed on the back.)

I. Facility Information		5. Aboveground Storage Tank Program	(AGT)
Name: Biotium, Inc. Address: 3423 Investment Blud		Do you store petroleum products aboveground in 55-gallon (or larger) containers or tanks, with a total storage capacity of 1,320 gallons or more?	☐ Yes No
Hayward, CA (ZIP) 94 Telephone: 570 - 265 - 103		6. Hazardous Waste Generator Program	(HWG)
Telephone: 570 - 265 - 102. Hazardous Materials Storage Program	7	Do you generate hazardous waste on site?	Yes No
Do you have on site hazardous materials – solids, lic extremely hazardous substances specified in 40CFR	uids, or gases; or Part 355 Appendix	Quantity generated per month (gal or lbs)	
A or B; or radiological materials? Yes		Do you consolidate hazardous waste from remote sites at this facility?	Yes No
Number of Hazard Classes Total Liquids	40 gallons	7. Recycler (Onsite or Off-Site)	
Total Liquids Total Solids	100 pounds	Do you recycle your own waste onsite?	Yes No
Total Gases (at STP) Total Radiological Materials	curies	Do you receive hazardous waste from other facilities and recycle it on your site?	Yes No
6. Accidental Release Prevention Program (4	8. Tiered Permit Program (On-site Trea	AT IN COLUMN
Do you have any regulated substance listed n Tables 1, 2, and/or 3 of the CalARP Program (CCR Title 19/Div. 2/Chapter.4.5)?	☐ Yes No	Do you treat, on this site, any hazardous waste you generate?	Yes No
. Underground Storage Tank Program (U		Do you have a Tiered Permit?	Yes No
Do you own or operate Underground Storage Tanks (USTs) at this facility?	Yes No	Number of Treatment Units under Tiered Perm Permit-By-Rule	nit:
"yes", list material stored and tank capacity		Conditionally Authorized	
		Conditionally Exempt - Specified Waste	
		Conditionally Exempt – Small Quantity	
		Conditionally Exempt – Limited Conditionally Exempt – Commercial Laun	dry
		Conditionally Exempt - Commercial Laure	dry
I hereby certify that I used reasonable to the best of my knowledge, the information	ation contained her 1/iViEn	ing this application. I have reviewed the application is true and correct. Chen Devations Manager and Title Date	6/8/05

CUPA Application/dmg May 2005



HAYWARD FIRE DEPARTMENT

A Certified Unified Program Agency 777 B Street, Hayward, CA 94541-5007

TEL: (510) 583-4910 FAX (510) 583-3641 • TDD (510) 247-3340

RECEIVED OF FIRE PREVENTION OFFICE

UNIFIED PROGRAM CONSOLIDATED PERMIT AND REGISTRATION

· •	Issu	edito	,				
Name of Facility: BIOTIUM, INC		1	tive Contact: IEN CHEN, OPERATIONS MANAGER				
Street Address: 3423 INVESTMENT BLVD		Mailir 342	g Address: 3 INVESTMENT BLVD #8				
Permit Type: ☐Full ☐Provisional ☐Temporary			City/State/ZIP: HAYWARD, CA 94545				
Registration/Permit Number: 05-0027902-018809			ione Number at Facility: -1027				
Unified Hazard	For the followin dous Materials and Ha	_	ments of the ous Waste Management Program				
X Hazardous Materials	Storage (Range <u>1A</u>)	XXX	Hazardous Waste Generator Program (_CESQG)				
Hazardous Materials			Tiered Permit Program for Onsite Treatment of Hazardous Waste:				
Aboveground Petrole	um Storage, SPCC Plan		PBR; CA; CE				
Underground Storage tanks; Facility	. —		California Accidental Release Prevention Program and/or Federal Risk Management Plan				
Consolidated Permit and R ordinances, laws, statutes,	egistration. I agree to comply w codes, policies, rules and regulat rials and/or hazardous waște.	condition ith all p ions rel	ons printed on the other side of this Unified Program ermit conditions and all local, state and federal ating to the storage, use, handling, generation and Devations Manager 7/3/2004				
	FOR OFFIC						
Effective Date: 07/01/2004 Date Payment Received: 7/20/04 Total Amount Paid:	Payment Reference: CR 7 / 633 State Surcharge Paid:		Duga Muyan				
\$ 287,00 30	\$ 24.60		Approved by the City of Hayward Fire Department				

This permit shall not be construed as proof of compliance with any permitting, registration, licensing and/or other requirements of the Hayward Fire Department or of any other city, state, or federal agency.



HAYWARD FIRE DEPARTMENT

A Certified Unified Program Agency
777 B Street, Hayward, CA 94541-5007
TEL: (510) 583-4910 FAX (510) 583-3641 • TDD (510) 247-3340

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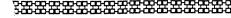
JUN 0 9 2003

HAYWARD FIRE DEPARTMENT

UNIFIED PROGRAM CONSOLIDATED PERMIT AND REGISTRATION

Issued to Name of Facility: Executive Contact: VIVIEN CHEN, GENERAL MANAGER BIOTIUM, INC Street Address: Mailing Address: 3423 INVESTMENT BLVD 3423 INVESTMENT BLVD #8 City/State/ZIP: Permit Type: Full ☐ Provisional □ Temporary HAYWARD, CA 94545 Registration/Permit Number: Telephone Number at Facility: 04-0027902-018809 265-1027 For the following elements of the Unified Hazardous Materials and Hazardous Waste Program Hazardous Materials Storage (Range 1A Hazardous Waste Generator Program (___ MXXXXXX Hazardous Materials Business Plan Tiered Permit Program for Onsite Treatment of Hazardous Waste: PBR: CA: CE Aboveground Petroleum Storage, SPCC Plan Underground Storage Tank Program California Accidental Release Prevention tanks; Facility No.: 01-003-Program and/or Federal Risk Management Plan Certification I certify that I have read and I hereby accept the terms and conditions printed on the other side of this Unified Program Consolidated Permit and Registration. I agree to comply with all permit conditions and all local, state and federal ordinances, laws, statutes, codes, policies, rules and regulations relating to the storage, use, handling, generation and disposal of hazardous materials and/or hazardous waste. General Manager e of Applicant FOR OFFICE USE ONLY

Effective Date:	Expiration Date:	Machine Validation / Official Receipt
7/1/2003	6/30/2004	
Date Payment Received:	Payment Reference:	
6/9/03	ck# 1340	010m0.
Total Amount Paid:	State Surcharge Paid:	Jung Minghay
\$ 167.50POSTE	D\$ 17.50	Approved by the City of Hayward Fire Department





HAYWARD FIRE DEPARTMENT

RECEIVED BY A Certified Unified Program Agency FIRE PREVENTION OFFICE 777 B Street, Hayward, CA 94541-5007 AUG 1 4 2002 TEL: (510) 583-4910 FAX (510) 583-3641 • TDD (510) 247-3340

HAYWARD FIRE DEPARTMENT

UNIFIED PROGRAM CONSOLIDATED PERMIT AND REGISTRATION

	Issu	ed to	
Name of Facility:		Execu	tive Contact:
BIOTIUM, INC		VIV	IEN CHEN, GENERAL MANAGER
Street Address: 3423 INVESTMENT BLVD			g Address: 23 INVESTMENT BLVD #8
Permit Type: ☐Full ☐	Provisional Temporary		iaie/ZIP: WARD, CA 94545
Registration/Permit Number: 03-0027902-018809		1 -	ione Number at Facility: 5-1027
Unified	For the followin Hazardous Materials	_	ments of the Hazardous Waste Program
₩ Hazardous Materials	Storage (Range 1A)		Hazardous Waste Generator Program ()
Hazardous Materials Business Plan Aboveground Petroleum Storage, SPCC Plan		Tiered Permit Program for Onsite Treatment of Hazardous Waste: PBR; CA;	
Underground Storage Tank Programtanks; Facility No. : 01-003			California Accidental Release Prevention Program and/or Federal Risk Management Plan
Consolidated Permit and R ordinances, laws, statutes,	d I hereby accept the terms and egistration. I agree to comply woodes, policies, rules and regula rials and/or hazardous waste.	vith all p tions re <u>Chel</u> nd Title	ons printed on the other side of this Unified Program permit conditions and all local, state and federal lating to the storage, use, handling, generation and Teneral Manager 1/25/02 Date Signed
Effective Date:	Expiration Date:		ne Validation / Official Receipt
7/1/2002 Date Payment Received: 8-14-02	6/30/2003 Payment Reference:		NO Much Day
Total Amount Paid: State Surcharge Paid: \$150.00 POSTED \$			Approved by the City of Hayward Fire Department



HAYWARD FIRE DEPARTMENT

RECEIVED BY FIRE PREVENTION OFFICE

A Certified Unified Program Agency
777 B Street, Hayward, CA 94541-5007
TEL: (510) 583-4910 FAX (510) 583-3641 • TDD (510) 247-3340

JUN 36 2001

HAYWARD FIRE DEPARTMENT

UNIFIED PROGRAM CONSOLIDATED PERMIT AND REGISTRATION

Issued to Executive Contact: Name of Facility: Biotium, Inc. Mailing Address: 3423 Investment Blrd. Ste. 8, Hayward, CA94545 City/State/ZIP: Permit Type: XFull □ Provisional □ Temporary Hayward, Registration/Permit Number: 279-02 210-265-102 For the following elements of the Unified Hazardous Materials and Hazardous Waste Program Hazardous Materials Storage (Range / / /) Hazardous Waste Generator Program (Tiered Permit Program for Hazardous Materials Business Plan Onsite Treatment of Hazardous Waste: CA: Aboveground Petroleum Storage, SPCC Plan Underground Storage Tank Program California Accidental Release Prevention Program tanks; Facility No.: 01-003and/or Federal Risk Management Plan Certification I certify that I have read and I hereby accept the terms and conditions printed on the other side of this Unified Program Consolidated Permit and Registration. I agree to comply with all permit conditions and all local, state and federal ordinances, laws, statutes, codes, policies, rules and regulations relating to the storage, use, handling, generation and disposal of hazardous materials and/or hazardous waste. Lillien Chen General Manager Printed Name and Title of Applicant FOR OFFICE USE ONLY Machine Validation / Official Receipt Expiration Date: Effective Date: 6/30/02 STED tate Service Charge Paid:

YWARD FIRE DEPARTMENT

A Certified Unified Program Agency
777 B Street, Hayward, CA 94541-5007
TEL. (510) 583-4910 ■ FAX (510) 583-3641 ■ TDD (510) 247-3340

0 lec# 27902

BUSINESS ACTIVITIES FORM

APPLICATION FOR A CONSOLIDATED PERMIT/REGISTRATION UNIFIED HAZARDOUS MATERIALS / HAZARDOUS WASTE MANAGEMENT REGULATORY PROGRAM

(Before completing this form, please read the instructions printed on a separate page.)

1. Facility Information		5. Aboveground Storage Tank Program	(AGT)	211-	
Name: Biotium, Inc. Address: 3423 Investment Blud. Ste. 8 Hayward, CA (ZIP) 94545		Do you have aboveground storage tanks containing petroleum products; at least one is greater than 660 gallons; or total aboveground storage capacity for facility greater than 1,320 gallons?		Yes	
Telephone: 570- 265-102	The state of the s	6. Hazardous Waste Generator Program (HWG)			
2. Hazardous Materials Storage Program Do you have on site hazardous materials – solids, I		Do you generate hazardous waste on site?	SZI O	Yes	
extremely hazardous substances specified in 40CFl A or B; or radiological materials?	RPart 355 Appendix	Quantity generated per month (gal or lbs)			
Number of Hazard Classes	21	Do you consolidate hazardous waste from remote sites at this facility?	DX B	Yes No	
Total Liquids	44 gallons	7. Recycler (Onsite or Off-Site)		The state of	
Total Solids Total Gases (at STP)	64 pounds cu. ft.	Do you recycle your own waste onsite?	N)	Yes No	
Total Radiological Materials curies 3. Accidental Release Prevention Program (CalARP)		Do you receive hazardous waste from other facilities and recycle it on your site?		Yes No	
Do you have any regulated substance listed	S CHILLENNES - BUS BUILD	8. Tiered Permit Program (On-site Treat	tment of	f HW	
in Tables 1, 2, and/or 3 of the CalARP Program (CCR Title 19/Div. 2/Chapter.4.5)?	Yes No	Do you treat, on this site, any hazardous waste you generate?	□ ⊠	Yes No	
4. Underground Storage Tank Program (THE RESERVE OF THE PARTY OF THE	Do you have a Tiered Permit?	M	Yes	
Do you <mark>o</mark> wn or operate Underground Storage Tanks (USTs) at this facility?	Yes X No	Number of Treatment Units under Tiered Perm Permit-By-Rule		110	
If "yes", list material stored and tank capacit	v in gallons:	Conditionally Authorized Conditionally Exempt – Specified Waste Conditionally Exempt – Small Quantity Conditionally Exempt – Limited Conditionally Exempt – Commercial Laun	dry		
8. Certification and Signature					
to the best of my knowledge, the infor	mation contained her	Prector of Chemistry Lab 6/7/	ation and	<i>d,</i>	

Lazardous Materials Worksh.t

An attachment to the application for a Unified Hazardous Materials / Hazardous Waste Management Regulatory Program for (Name and Street Address of Facility) Biotium, Inc. 3433 Investment Bld. Ste. 8 Hayward, CA 94533

Use the "Hazardous Materials Hazard Categories" pamphlet and tally in the following table the total quantities of materials stored at your facility by hazard class. Summarize your inventory and report totals in the application form. Specify unit of measure under "quantity". Use *gallons*, *pounds*, or *cu. ft*.

Hazard Category	Quantity
A.1 Explosives and Blasting Agents	
A.2(a) Compressed Gases – Flammable	
A.2(b) Compressed Gases – Oxidizing	
A.2(c) Compressed Gases – Corrosive	0.5 lb
A.2(d) Compressed Gases – Highly Toxic	
A.2(e) Compressed Gases – Toxic	
A.2(f) Compressed Gases - Inert	200 Cuft
A.2(g) Compressed Gases - Pyrophoric	
A.2(e) Compressed Gases – Unstable	
A.3(a) Flammable Liquids Class I-A	4 92
A.3(a) Flammable Liquids Class I-B	24 gal
A.3(a) Flammable Liquids Class I-C	
A.3(b) Combustible Liquids Class II	4 gal
A.3(b) Combustible Liquids Class III-A	
A.3(b) Combustible Liquids Class III-B	
A.4(a) Flammable Solids – Organic Solids	<1 1b
A.4(b) Flammable Solids – Inorganic Solids	< 1 16
A.4(c) Flammable Solids – Combustible Metals (except dusts and powders)	< 0.1 lb
A.4(d) Flammable Solids – Combustible	
Dusts and Powders (incl. metals)	See A.2(b)
A.5(a) Oxidizers – Gases	See A.2(b)
A.5(b/c) Oxidizers – Liquids/Solids Class 4	
A.5(b/c) Oxidizers – Liquids/Solids Class 3	
A.5(b/c) Oxidizers – Liquids/Solids Class 2	1 gal
A.5(b/c) Oxidizers – Liquids/Solids Class 1	< 50 lbs
A.6 Organic Peroxides – Unclassified	
A.6 Organic Peroxides – Class I	
A.6 Organic Peroxides – Class II	
A.6 Organic Peroxides – Class III	
A.6 Organic Peroxides - Class IV	< 116
A.6 Organic Peroxides – Class V	
A.7(a) Pyrophoric Materials - Gases	See A.2(g)
A.7(b) Pyrophoric Materials - Liquids	0.25 gal
A.7(c) Pyrophoric Materials – Solids	3

Hazard Category	Quantity
A.8 Unstable (Reactive) Materials – Class 4	
A.8 Unstable (Reactive) Materials – Class 3	
A.8 Unstable (Reactive) Materials – Class 2	5 lbs
A.8 Unstable (Reactive) Materials – Class 1	4 gal
A.9 Water-Reactive Materials – Class 3	< 0.5 gal
A.9 Water-Reactive Materials – Class 2	< 1 gal
A.9 Water-Reactive Materials – Class I	5 1bs
A.10(a) Cryogenic Fluids – Flammable	
A.10(b) Cryogenic Fluids – Oxidizing	
A.10(c) Cryogenic Fluids – Corrosive	
A.10(d) Cryogenic Fluids – Inert	
A.10(e) Cryogenic Fluids – Highly Toxic	
B.1(a) Highly Toxic Materials	
B.1(b) Toxic Materials - Gases	See A.2(e)
B.1(b) Toxic Materials – Liquids	1 gal
B.1(b) Toxic Materials - Solids	50 lbs
B.2 Radioactive Materials	
B.3 Corrosives	50 lbs
B.4(a) Carcinogens or Suspect Carcinogens	4 901
B.4(b) Target Organ Toxins	
B.4(c) Irritants	
B.4(d) Sensitizers	
B.5 CalARP or RMP Chemicals	

SUMMARY	
Total number of hazard classes	21
Total gallons of liquids	44
Total pounds of solids	164
Total cu. ft. at STP of gases	200



CITY ... HAYWARD • FIRE DEPARAMENT

Z3131 Clawiter Road, Hayward, CA 94545-2731

TEL (510) 293-8695 • FAX (510) 293-5017 • TDD (510) 537-7593

TAX AND THE PREVENCE OF THE PREVENC

HAZARDOUS MATERIALS STORAGE PERMIT

(For Fiscal Year Ending June 30, 1997)

JUL 2 6 1996

		HAYWARD FIRE DEPARTMENT
Facility Address: 3423	INVESTMENT BEND.	#8
Number	Street	Unit Number
Hayward, CA 94-	2 Code	(\$70) 783-6960 Telephone Number
Business Name: TRACE ANAL		Telephote (value)
Business Name: TRACE FAVAI	USB CABBRATORY	
Mailing Address (if different from above	re):	
Brief Description of Business at this Fa	cility: ENVIRONNEMENTAL ANALYT	CAL SERVICES
hazardous materials stored at your fac Otherwise, if this is the first time you changes in the quantities of hazardous	ility, enter the same quantity range in the s are applying for a Hazardous Materials	there have been no changes in the quantity of pace below, as was indicated in your last permit. Storage Permit or if there have been substantial attached schedule to determine the Quantity Range equent inspection.
Quantity Range Applied	for: <u>38</u> Amo	unt Enclosed: \$_550
Are there underground storage tanks at	this facility?	"YES", how many?
	CERTIFICATION	
for inspection purposes. I certif the other side of this Hazardous State, and Federal ordinances, I of hazardous materials.	y further that I have read and I hereby a Materials Storage Permit. I agree to con	esentatives of the City to enter the facility ccept the terms and conditions printed on apply with all permit conditions and all City, tions relating to the storage and handling
Muchael W. Joed-	MICHAEL N. GOLDEN, L	AB DRECTOR 7/22/96
Signature of Applicant	Printed Name and	d Title Date Signed
	FOR OFFICE USE ONLY	
Permit Number: 97/279	Date Paid: 7-29-96	Amount Paid: \$ 550.00
Quantity Range: 3 R		
		Machine Validation/Official Receipt
Full Term Permit	R.V. Number: 83562	Account Number: 100-1922-4440
Provisional Permit	Effective Date: 7-1-96	Expiration Date: June 30, 19 97
☐ Temporary Permit	Approved By: \ mala	Oumis
	City of	Hayward Fire Department



CITY HAYWARD • FIRE DEPA TMENT
25151 Clawiter Road, Hayward, CA 94545-275,
TEL (510) 293-8695 • FAX (510) 293-5017 • TDD (510) 537-7593



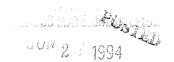
HAZARDOUS MATERIALS STORAGE PERMIT (For Fiscal Year Ending June 30, 1996)

Facility Address: 3423 Investme	ent Boulevard, Unit No.	8		
Number Street Unit Number				
Hayward, CA 94545	510-783-6960			
ZIP Code Telephone Number				
Business Name: Trace Analysi	s Laboratory, Inc.			
Mailing Address (if different from abov	e):			
Brief Description of Business at this Fa	cility:Analytical Chemistry	Laboratory		
If you had a Hazardous Materials St	orage Permit for the last fiscal year, o	and there have been no changes in the quantity of		
Otherwise, if this is the first time you changes in the quantities of hazardous to	are applying for a Hazardous Materia	e space below, as was indicated in your last permit. Is Storage Permit or if there have been substantial the attached schedule to determine the Quantity Range obsequent inspection.		
Quantity Range Applied f	or: 3B A	mount Enclosed: \$ 500.00		
Are there underground storage tanks at	this facility? YES NO	If "YES", how many?		
for inspection purposes. I certify the other side of this Hazardous	y further that I have read and I hereb Materials Storage Permit. I agree to d			
	FOR OFFICE WED BY			
Permit Number: 96, 279	Date Paid: JUL 0 7 1995	Amount Paid: \$ 500.00		
Quantity Range: 3B	HAYWARD FIRE DEPARTMEN	Machine Validation/Official Receipt		
	R.V. Number: 78923	Account Number: 100-1922-4440		
Full Term Permit Provisional Permit	Effective Date: 7-1-95	Expiration Date: June 30, 1996		
Temporary Permit Approved By: Sinda (Online) City of Hayward Fire Department				

27

CITY HAYWARD • FIRE DEPART NT

25151 Clawiter Road, Hayward, CA 94545-2731 TEL (510) 293-8695 FAX (510) 293-5017 TDD (510) 537-7593



MATERIA DE ESPACION

HAZARDOUS MATERIALS STORAGE PERMIT

(For Fiscal Year Ending June 30, 1995)

Facility Address: 3423 Investment	Boulevard, Unit N	o. 3	
Number Number	Street		Number
Hayward, CA 94545 ZIP Code		510	1-783-6960
ZIP Code		Telep	none Number
Business Name: Trace Analysis L	aboratory, Inc.		
Mailing Address (if different from above):			
Brief Description of Business at this Facility:	Analytical Chemis	try Laboratory	1000
If you had a Hazardous Materials Storage Permaterials stored at your facility, enter the san this is the first time you are applying for a quantities of hazardous materials stored at yo Fee and enter them below. Your declaration	ne quantity range in the space Hazardous Materials Storage our facility, refer to the attacl	below, as was indicated to Permit or if there have hed schedule to determina	n your last permit. Otherwise, if been substantial changes in the
Quantity Range Applied for:	3 B	Amount Enclosed: \$	00.00
		#15 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Are there underground storage tanks at this fa	acility? 🗆 YES 🗆 NO	If "YES", how many	/?
	CERTIFICATION		
I certify that the above information is for inspection purposes. I certify furth the other side of this Hazardous Mater State, and Federal ordinances, laws, shazardous materials. Signature of Applicant	her that I have read and I he ials Storage Permit. I agree	ereby accept the terms to comply with all per egulations relating to t	and conditions printed on mit conditions and all City,
	FOR OFFICE USE O	NLY	
PERMIT NUMBER: 95/ 279		EFFECTIVE DATE:_	July 1, 1994
QUANTITY RANGE: 3 13		EXPIRATION DATE:	June 30, 1995
☐ Full Term Permit	☐ Temporary Permi	it :	Provisional Permit
APPROVED BY:	7	*	
	City of Hayward Fire D	Pepartment	
Date Paid 6-27-94 R.V. Number 76835 Record Number 279 Account Number 100-1922-4440			Machine Validation/Official Receipt
			w

CTY OF HAYWARD • FIRE DEPARTMENT

25151 Clawiter Road, Hayward, CA 945 731
TEL (510) 293-8695 • FAX (510) 293-5017 • TDD (510) 537-7593

HAZARDOUS MATERIALS STORAGE PERMIT

(For Fiscal Year Ending June 30, 1994)

JUL 1 0 1993

	01 1 100 1 100 100 100 100 100 100 100	
Facility Address: 3423 Investment E	Boulevard, Unit No. 8	HAYWARD FIRE DEPARTMENT
Number	Street	Unit Number
Hayward, CA 94545		510-783-6960
ZIP Code		Telephone Number
Business Name: Trace Analysis La	boratory, Inc.	
Mailing Address (if different from about)	e di	·
Mailing Address (if different from above):	Analytical Chamietay La	b o v o + o v o v
Brief Description of Business at this Facility:	Analytical Chemistry La	
If you had a Hazardous Materials Storage Permi materials stored at your facility, enter the same of this is the first time you are applying for a Haquantities of hazardous materials stored at your Fee and enter them below. Your declaration will Quantity Range Applied for:	quantity range in the space below, as wo zardous Materials Storage Permit or ij facility, refer to the attached schedule Il be verified in a subsequent inspection.	ns indicated in your last permit. Otherwise, if there have been substantial changes in the to determine the Quantity Range and Permit
Are there underground storage tanks at this facili	ity? □ YES ☒ NO If "YES	5", how many?
	CERTIFICATION	
I certify that the above information is co for inspection purposes. I certify further the other side of this Hazardous Materials State, and Federal ordinances, laws, stat hazardous materials. Signature of Applicant	that I have read and I hereby accepts Storage Permit. I agree to comply	ot the terms and conditions printed on with all permit conditions and all City, relating to the storage and handling of
	FOR OFFICE USE ONLY	
PERMIT NUMBER: 94/ 279	EFFECTI	VE DATE: July 1, 1993
QUANTITY RANGE: 3B	EXPIRAT	ION DATE: June 30, 1994
☐ Full Term Permit	☐ Temporary Permit	Provisional Permit
APPROVED BY:	Laura Drains	
	City of Hayward Fire Department	SHASTK
Date Paid 7-20-93	STOREST STREET	(00444 8/88 5009
R.V. Number 216		DECEIVED IIIN 1 9 1998
Record Number 279	UE	2877 17 1 ML. (2002 +
Account Number 100-1922-4440		Machine Validation/Official Receipt



CITY OF HAYWARD • FIRE DEPARTMENT

25151 Clawiter Road, Hayward, CA 94545-2731 TEL (415) 293-8695 • FAX (415) 293-8691 • TDD (415) 537-7593



HAZARDOUS MATERIALS STORAGE PERMIT					
ISSUED TO: Trace Analysis Laboratory, Inc.					
FACILITY ADDRESS: 3423 Investment Boulevard, Unit No. 8, Hayward, CA					
In accordance with the provisions of Article 8, Chapter 3 of the Hayward Municipal Code, the facility named above is hereby granted a permit to store hazardous materials as indicated in the permit application previously submitted, and as detailed in the facility's current Hazardous Materials Management Plan, subject to the following terms and conditions:					
1. The storage and handling of any hazardous material shall conform with all provisions of the Hazardous Materials Storage Ordinance or any other Local, Federal, or State law, statute, code, rule, or regulation relating to hazardous materials and shall not cause an unauthorized release of hazardous materials or pose a significant risk of such unauthorized release;					
2. Permittee shall file with the Hazardous Materials Office, for approval, a written Hazardous Materials Management Plan;					
3. Permittee shall notify the Hazardous Materials Office of substantial changes in the quantity or nature of the hazardous materials stored in the facility, of substantial modification or repair of the storage facility, of other substantial changes in the facility's Hazardous Materials Management Plan, or of substantial changes in the operations and ownership of the facility which may require a new permit or other additional permits or licenses;					
4. Permittee shall take all necessary steps to ensure discovery, containment, and cleanup of any confirmed or unconfirmed unauthorized release of any hazardous material and shall notify the Hazardous Materials Office of such unauthorized release;					
5. Permittee shall authorize representatives of the City to enter the permitted facility for inspection purposes to ascertain compliance and cause correction of any violation of hazardous materials storage permit condition, code, law, statute, rule, or regulation;					
6. The Permit may be transferred to new owners of the same facility under terms and conditions imposed by, and subject to the approval of the City;					
7. This Permit may be subjected to remedial action under Sec. 3-8.54 of the Hayward Municipal Code arising from the acts or omissions of the permittee;					
8. Thirty (30) days prior to the expiration date indicated on this Permit, a new permit application must be submitted pursuant to Sec. 3-8.43 of the Hayward Municipal code;					
9. This Permit shall not become effective until it has been signed and accepted by the permittee or by a person having the legal authority to sign for the permittee;					
10. This Permit shall be kept on the premises of the permitted facility and shall be made available for inspection; and					
11. This Permit does not take the place of any license required by law.					
Certification					
I certify that I have read and I hereby accept the above terms and conditions of this Hazardous Materials Storage Permit. I agree to comply with all permit conditions, and all City, State, and Federal ordinances, laws, statutes, codes, rules, and regulations relating to the storage and handling of hazardous materials.					
L. Jean Noroian, President					
Printed Name & Title Authorized Signature					
A 7 = 279 Hazardous Materials Office Approval					
PERMIT NUMBER $92-379$ EFFECTIVE DATE: $7-1-93$					
QUANTITY RANGE: EXPIRATION DATE:					
☐ Full Term Permit ☐ Temporary Permit ☐ Provisional Permit					
Approved by the Hazardous Materials Coordinator, City of Hayard Fire Department					

John Boykin, Battalion Chief

RECEIVED JUL 1 7 1992



CITY OF HAYWARD . FIRE DEPARTMENT

25151 Clawiter Road, Hayward, CA 94545-2731 TEL (510) 293-8695 • FAX (510) 293-8691 • TDD (510) 537-7593



APPLICATION FOR A HAZARDOUS MATERIALS STORAGE PERMIT (For Fiscal Year Ending June 30, 19_922)

Facility Address: 3423	Investment Bou	levard, U	nit No. 8		
No.	& Street			Unit No.	
Haywa	ard, CA 94545 ZIP Code			10-783-6960	
•	ZIP Code			Telephone No.	
Business Name: Trac	e Analysis Labo	ratory, I	n.c.		
Mailing Address (if different	ent from above):				
Brief Description of Busin	ness at this Facility:	nalytical	Chemistry	Laboratory	
Brior Boodinption of Buen					
(If you had a Hazardous Mate hazardous materials stored last permit. Otherwise, if thi been substantial changes in inventory.)	at your facility, enter the s s is the first time you are a	ame quantity ra applying for a H is materials stor	nge in the next bo azardous Materia ed at your facility,	ox below, as was indicated als Storage Permit or if the complete the following es	d in your ere have
Hazard Class	Quantity Unit	ł	Hazard Class	Quantity	Unit
Explosives Blasting Agents Flammable Gases Nonflammable Gases Poisons Flammable Liquids Flammable Solids Water-reactive Materials Oxidizers Organic Peroxides Total Number of Classes: Total Pounds Solids:		, () () () () () () () () () () () () ()	Etiological Agents Corrosives, Acids Corrosives, Bases Cryogens Radioactive Mater Pyrophoric Material Listed Extremely Hazardous Material Other Haz. Material Fotal Gallons Liqu Fotal cu. ft. gases	rialss ss erialss als	
(Refer to the attached sched	dule of Permit Fees and co ed for: <u>3B</u>			500.00	_
A 11		C VEC YOU			
Are there underground stor	age tanks at this facility?	LI YES ALANC) If "YES", nov	w many?	
I certify that I have read State, and Federal laws relat City to enter the facility for Signature of Applicant	this application and state ing to the storage and use inspection purposes.	of hazardous m	nformation is corrected aterials, and hereted are projected are projecte	oy authorize representativ	es of the
				<u>uiyu</u>	
For Office Use Date Paid R.V. Number Record Number Account Number Permit Number	935 379 100-4440 93-379	CHECK TI 500		CITY OF HAYWARD M 26920093	
		15	*	I No. 19	



FACILITY ADDRESS:

CITY OF HAYWARD • FIRE DEPARTMENT

25151 Clawiter Road, Hayward, CA 94545-2731 TEL (415) 293-8695 • FAX (415) 293-8691 • TDD (415) 537-75930FD RV

HAZARDOUS M. . ENA

HAZARDOUS MATERIALS STORAGE PERMIT.

SSUED TO:	TRACE	ANALYSIS	LABORA	ATORIES,	INC.	SEP 05	1991
	3423	INVESTMENT	BLVD	X#8		HAYWARD FIRE	DEPARTMENT

In accordance with the provisions of Article 8, Chapter 3 of the Hayward Municipal Code, the facility named above is hereby granted a permit to store hazardous materials as indicated in the permit application previously submitted, and as detailed in the facility's current Hazardous Materials Management Plan, subject to the following terms and conditions:

- 1. The storage and handling of any hazardous material shall conform with all provisions of the Hazardous Materials Storage Ordinance or any other Local, Federal, or State law, statute, code, rule, or regulation relating to hazardous materials and shall not cause an unauthorized release of hazardous materials or pose a significant risk of such unauthorized release:
- 2. Permittee shall file with the Hazardous Materials Office, for approval, a written Hazardous Materials Management
- 3. Permittee shall notify the Hazardous Materials Office of substantial changes in the quantity or nature of the hazardous materials stored in the facility, of substantial modification or repair of the storage facility, of other substantial changes in the facility's Hazardous Materials Management Plan, or of substantial changes in the operations and ownership of the facility which may require a new permit or other additional permits or licenses:
- 4. Permittee shall take all necessary steps to ensure discovery, containment, and cleanup of any confirmed or unconfirmed unauthorized release of any hazardous material and shall notify the Hazardous Materials Office of such unauthorized release;
- 5. Permittee shall authorize representatives of the City to enter the permitted facility for inspection purposes to ascertain compliance and cause correction of any violation of hazardous materials storage permit condition, code, law, statute, rule, or regulation;
- 6. The Permit may be transferred to new owners of the same facility under terms and conditions imposed by, and subject to the approval of the City;
- 7. This Permit may be subjected to remedial action under Sec. 3-8.54 of the Hayward Municipal Code arising from the acts or omissions of the permittee;
- 8. Thirty (30) days prior to the expiration date indicated on this Permit, a new permit application must be submitted pursuant to Sec. 3-8.43 of the Hayward Municipal code;
- 9. This Permit shall not become effective until it has been signed and accepted by the permittee or by a person having the legal authority to sign for the permittee;
- 10. This Permit shall be kept on the premises of the permitted facility and shall be made available for inspection; and
- 11. This Permit does not take the place of any license required by law.

	Certification	
I certify that I have read and I hereby accept the agree to comply with all permit conditions, a regulations relating to the storage and handle to be a complete to the storage and printed Name & Title	ind all City, State, and Federal ord	
Наг	ardous Materials Office Approval	
PERMIT NUMBER 91–279 QUANTITY RANGE: 3B	EFF EXP	ECTIVE DATE: 7-1-91 IRATION DATE: 6-30-92
Full Term Permit	☐ Temporary Permit	Provisional Permit
Approved by the Hazardous	s Materials Coordinator, City of H	ayward Fire Department

John Boykin, Battalion Chief



CITY HAYWARD . FIRE DEPA MENT

25:51 Clawiter Road, Hayward, CA 94545-2731 TEL (415) 293-8695 • FAX (415) 293-8691 • TDD (415) 537-7593



APPLICATION FOR A HAZARDOUS MATERIALS STORAGE PERMIT (For Fiscal Year Ending June 30, 19)

Facility Address:	14d5	Inves	tment Br	N. 78_	
	No. & Street	Our	of grandential and the second	Unit No.	60 l
Ha	yward, CA	7454	<u></u>	183-690	<u> </u>
. Americano.	ZIP (Code		Telephone No.	
Business Name:	race f	maly	Is Laborag	tiples The	·
Mailing Address (if di	fferent from above	e):			
Brief Description of B	usiness at this Fa	cility:			
,	***************************************				
hazardous materials sto last permit. Otherwise, i	red at your facility, e f this is the first time s in the quantities of	enter the same o e you are apply f hazardous mat	t fiscal year, and there hav quantity range in the next ing for a Hazardous Mater terials stored at your facilit ous Materials Stored at thi	box below, as was indicat rials Storage Permit or if ty, complete the following	ted in your there have
Hazard Class	Quantity	Unit	Hazard Class	Quantity	Unit
Explosives			Etiological Ager	-	
Blasting Agents		***************************************	Corrosives, Acid		
Flammable Gases Nonflammable Gases			Corrosives, Bas Cryogens	es	
Poisons			Radioactive Mat	erials	
Flammable Liquids		***************************************	Pyrophoric Mate	erials	
Flammable Solids Water-reactive Materials		***************************************	Unstable Materi	-	
Oxidizers			Listed Extremely Hazardous Ma		
Organic Peroxides			Other Haz. Mate		
Table 1 (O)			-		
Total Number of Classes Total Pounds Solids:	3:		Total Gallons Li Total cu. ft. gase	•	
(Refer to the attached so Quantity Range A	~	ees and comple	ete this box.) Amount Enclosed:	\$ #230 Gdd	Want)
Are there underground	storage tanks at this	s facility? 🗆 Y	ES □ NO If "YES", h	ow many?	
	elating to the storag	and state that the	ICATION ne above information is co zardous materials, and her		
Signature of Applicant		Printed N	ame and Title	Date Sigr	ied
For Office t	Jse Only		그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그	ation/Official Receipt	
Date Paid	8-15-9	1			
R.V. Number	719				
Record Number	279				
Account Number	100-4440		79 (a) N W		
Permit Number	91-200	-			
r crime (Nullipe)				4.0 	



CITY OF HAYWARD • FIRE DEPARTMENT

25151 Clawiter Road, Hayward, CA 94545-2731 TEL (415) 293-8695 • FAX (415) 293-8691 • TDD (415)

HAZARDOUS MATERIALS STORAGE PERMIT AUG 13 1991

ISSUED TO:	Trace Analysis Laboratory, Inc.	
	3423 Investment Blvd., Unit #8	HAYWARD FIRE DEPARTMENT
, , , C, E, , , , , , , , , , , , , , ,		

In accordance with the provisions of Article 8, Chapter 3 of the Hayward Municipal Code, the facility named above is hereby granted a permit to store hazardous materials as indicated in the permit application previously submitted, and as detailed in the facility's current Hazardous Materials Management Plan, subject to the following terms and conditions:

- 1. The storage and handling of any hazardous material shall conform with all provisions of the Hazardous Materials Storage Ordinance or any other Local, Federal, or State law, statute, code, rule, or regulation relating to hazardous materials and shall not cause an unauthorized release of hazardous materials or pose a significant risk of such unauthorized release:
- 2. Permittee shall file with the Hazardous Materials Office, for approval, a written Hazardous Materials Management Plan:
- 3. Permittee shall notify the Hazardous Materials Office of substantial changes in the quantity or nature of the hazardous materials stored in the facility, of substantial modification or repair of the storage facility, of other substantial changes in the facility's Hazardous Materials Management Plan, or of substantial changes in the operations and ownership of the facility which may require a new permit or other additional permits or licenses;
- 4. Permittee shall take all necessary steps to ensure discovery, containment, and cleanup of any confirmed or unconfirmed unauthorized release of any hazardous material and shall notify the Hazardous Materials Office of such unauthorized release:
- 5. Permittee shall authorize representatives of the City to enter the permitted facility for inspection purposes to ascertain compliance and cause correction of any violation of hazardous materials storage permit condition, code, law, statute, rule, or regulation;
- 6. The Permit may be transferred to new owners of the same facility under terms and conditions imposed by, and subject to the approval of the City;
- 7. This Permit may be subjected to remedial action under Sec. 3-8.54 of the Hayward Municipal Code arising from the acts or omissions of the permittee;
- 8. Thirty (30) days prior to the expiration date indicated on this Permit, a new permit application must be submitted pursuant to Sec. 3-8.43 of the Hayward Municipal code;
- 9. This Permit shall not become effective until it has been signed and accepted by the permittee or by a person having the legal authority to sign for the permittee;
- 10. This Permit shall be kept on the premises of the permitted facility and shall be made available for inspection; and
- 11. This Permit does not take the place of any license required by law.

Certification
I certify that I have read and I hereby accept the above terms and conditions of this Hazardous Materials Storage Permit. agree to comply with all permit conditions, and all City, State, and Federal ordinances, laws, statutes, codes, rules, and regulations relating to the storage and handling of hazardous materials.
L. Jean Norvian, Mesident d. p. Nori
Printed Name & Title Authorized Signature
Hazardous Materials Office Approval
PERMIT NUMBER 91-279 EFFECTIVE DATE: 7-1-91
QUANTITY RANGE: 3B EXPIRATION DATE: 6-30-92
Full Term Permit Temporary Permit Provisional Permit
Approved by the Hazardous Materials Coordinator, City of Hayward Fire Department
John Baykin, Battalion Chief RECEIVED AUG 10



CITY HAYWARD . FIRE DEPAI MENT

25151 Clawiter Road, Hayward, CA 94545-2731 TEL (415) 293-8695 • FAX (415) 293-8691 • TDD (415) 537-7593



APPLICATION FOR A HAZARDOUS MATERIALS STORAGE PERMIT (For Fiscal Year Ending June 30, 1991)

Facility Address: 3423 Fruestmen	f Boulevard, Unit No. 8
No. & Street	
Hayward, CA 94545	415-783-6260 Telephone No.
Business Name: Trace Analysis	Laboratory, Inc.
Mailing Address (if different from above):	
Brief Description of Business at this Facility:	elytical chemistry laboratory
(If you had a Hazardous Materials Storage Permit for the last find hazardous materials stored at your facility, enter the same que last permit. Otherwise, if this is the first time you are applying been substantial changes in the quantities of hazardous materinventory.) Estimated Quantities of Hazardous	nantity range in the next box below, as was indicated in your g for a Hazardous Materials Storage Permit or if there have rials stored at your facility, complete the following estimated
Hazard Class Quantity Unit	Hazard Class Quantity Unit
Explosives Blasting Agents Flammable Gases Nonflammable Gases	Etiological Agents Perticides 100 Lb. Corrosives, Acids Corrosives, Bases
Poisons 234 Ibs	Cryogens Radioactive Materials
Flammable Liquids 72 gallons	Pyrophoric Materials
Flammable Solids	Unstable Materials Listed Extremely
Oxidizers	Hazardous Materials
Organic Peroxides	Other Haz. Materials Struits 25 agllors Soil Waste 1100
Total Number of Classes: Total Pounds Solids: **Total Pounds Solids:** **Total Pounds Solids:	Total Gallons Liquids: Total cu. ft. gases: 184 9843
(Refer to the attached schedule of Permit Fees and complete Quantity Range Applied for: 36	Amount Enclosed: \$ 270,00
Are there underground storage tanks at this facility?	NO If "YES", how many?
CERTIFIC I certify that I have read this application and state that the State, and Federal laws relating to the storage and use of haza City to enter the facility for inspection purposes. Signature of Applicant Printed Name	above information is correct. I agree to comply with all City, rdous materials, and hereby authorize representatives of the ear Moreian Mesdent 7/17/91
For Office Use Only	Machine Validation/Official Receipt
Date Paid 7-/8-9/	
R.V. Number 699	
Record Number 279	Control of the contro
Account Number 100-4440	
Permit Number 91-279	N. A. A.
	333 3
	8 8 8 8

HAZARDOUS MATERIAL PERMIT APPLICATION CITY OF HAYWARD

BUSINESS NAME: Trace Analysis Laboratory, Inc. PHONE NO: 415-783-6960
BUSINESS ADDRESS: 3423 Investment Boulevard, Unit No. 8, Hayward, CA 9454
NAME OF OWNER/APPLICANT: Trace Analysis Laboratory, Inc.
MAILING ADDRESS: 3423 Investment Boulevard, Unit No. 8, Hayward, CA 94545 NO. STREET CITY STATE ZIP
TYPE OF BUSINESS: Analytical Chemistry Laboratory
AMOUNT PAID: \$ 500.00
Trace Analysis Laboratory, Inc., by: SIGNATURE OF APPLICANT: DATE: July 7, 1990
L. Jean Noroian, President
FOR OFFICE USE ONLY PLEASE DO NOT WRITE BELOW THIS LINE ************************************
HAZARDOUS MATERIALS PERMIT
Permit Number 90-296
Effective Date:
Renewal/Expiration Date: 9199
In accordance with the provision of Article 8 of Chapter 3 of the Hayward Municipal Code, a permit is hereby granted to business named above to store hazardous materials as indicated on the previously submitted inventory statement.
This permit is for storage range: 36
Permit Term is: full provisional temporary
This permit shall be kept on premises and made available for inspection.
Special conditions: This permit does not take the place of any license required by law. Any change in hazardous materials storage, occupancy group or ownership may require a new permit.
Signature: Stue July Se Sj City of Hayward
Account Number $\frac{4446}{500}$ Application Fee $\frac{500}{7/25/90}$ Date Paid $\frac{7/25/90}{100}$
Application Fee 500 — Date Paid $7/25/90$
7/25/90
Date Paid
ri.
19

HAZARDOUS MATERIAL PERMIT ALPLICATION CITY OF HAYWARD

BUSINESS NAME: Trace Analysis Laboratory, Inc. PHONE NO: 415-783-6960
BUSINESS ADDRESS: 3423 Investment Blvd., #8, Hayward, CA 94545
NAME OF OWNER/APPLICANT: Trace Analysis Laboratory, Inc.
MAILING ADDRESS: 3423 Investment Blvd., #8 Hayward, CA 94545
NO. STREET CITY STATE ZIP
TYPE OF BUSINESS: Analytical Chemistry Laboratory
AMOUNT PAID: \$500.00
Trace Analysis Laboratory, Inc. by: SIGNATURE OF APPLICANT: DATE: June 26, 1989
Louis DuPuis
FOR OFFICE USE ONLY PLEASE DO NOT WRITE BELOW THIS LINE ************************************
HAZARDOUS MATERIALS PERMIT
Permit Number 89-310
Effective Date:7/2# 189
-11/00
Renewal/Expiration Date: 7//90 RECEIVED JUN 2.2 1989
In accordance with the provision of Article 8 of Chapter 3 of the Hayward Municipal Code, a permit is hereby granted to business named above to store hazardous materials as indicated on the previously submitted inventory statement.
This permit is for storage range: $3B$
Permit Term is: full provisional temporary
This permit shall be kept on premises and made available for inspection.
Special conditions: This permit does not take the place of any license required by law. Any change in hazardous materials storage, occupancy group or ownership may require a new permit.
Signature: Steven Fael2 SR City of Hayward
Account Number 4440
Application Fee 500-00
Date Paid 7/24/89
RCD# 279

__AZARDOUS MATERIAL PERMIT APPLIC. ON CITY OF HAYWARD

BUSINESS NAME: Trace Analysis Laboratory In PHONE NO: 415-783-6960
BUSINESS ADDRESS: 3423 Investment Blud, #8, Hayward, CA 94545
NAME OF OWNER/APPLICANT: Trace Analysis Laboratory, Inc.
MAILING ADDRESS: 3423 Investment Blud #8, Hayward, CA 94545 NO. STREET CITY STATE ZIP
TYPE OF BUSINESS: analytic chemistry lab
AMOUNT PAID: \$400.00 Trace Analysis Laboratory, Inc.
SIGNATURE OF APPLICANT: by: Jour Dufui DATE: 11/1/88 Louis Orlais, Vice President
FOR OFFICE USE ONLY PLEASE DO NOT WRITE BELOW THIS LINE ************************************
HAZARDOUS MATERIALS PERMIT
Permit Number 88-401
Effective Date: $\frac{ll/8/88}{}$
Renewal/Expiration Date: 7/1/89
In accordance with the provision of Article 8 of Chapter 3 of the Hayward Municipal Code, a permit is hereby granted to business named above to store hazardous materials as indicated on the previously submitted inventory statement.
This permit is for storage range: 38
Permit Term is: full provisional temporary
This permit shall be kept on premises and made available for inspection.
Special conditions: This permit does not take the place of any license required by law. Any change in hazardous materials storage, occupancy group or ownership may require a new permit.
Signature: Steven Foel2/SA City of Hayward
Account Number 4440
Application Fee 400.00 300 1000 10000 200 200 200 200 200 200 20
Date Paid $\frac{11/8/88}{800000000000000000000000000000000$
RCD# 00279

HAZARDOUS MATERIAL PERMIT APPLICA'LEON CITY OF HAYWARD

BUSINESS NAME: Irace Analysis Laboratory, Inc. PHONE NO: 415-783-6960
BUSINESS ADDRESS: 3423 Investment Boulevard, Unit 8, Hayward, CA 9454
NAME OF OWNER/APPLICANT:
MAILING ADDRESS:
TYPE OF BUSINESS: Analytical Chemistry Laboratory
AMOUNT PAID: \$400.00
SIGNATURE OF APPLICANT: FOR OFFICE USE ONLY PLEASE DO NOT WRITE BELOW THIS LINE ***********************************
HAZARDOUS MATERIALS PERMIT
Permit Number _ 87-358
Effective Date: 8-17-87 Renewal/Expiration Date: 7-1-88
In accordance with the provision of Part VIII, Article 8 of Chapter 3 of the Hayward Municipal Code, a permit is hereby granted to business named above to store hazardous materials as indicated on the previously submitted inventory statement.
This permit is for storage range:
Permit Term is: full provisional temporary
This permit shall be kept on premises and made available for inspection.
Special conditions: This permit does not take the place of any license require by law. Any change in hazardous materials storage, occupancy group or ownershimay require a new permit.
Signature: Suzanne harson/ H9 City of Hayward
Account Number 4440
Application Fee 400.00
Date Paid 8-17-87 Red # 00279

RECEIVED BY FIRE PREVENTION OFFICE MAR 1 0 1997

Closure Plan Trace/Entech Analytical Labs 3423 Investment Blvd., Suite 8 Hayward, California

HAYWARD FIRE DEPARTMENT

January 10, 1997

1.0 Closure Requirement

This closure plan is being prepared to comply with local and state regulations. This plan describes the procedures for decontamination and for terminating the storage of hazardous materials and hazardous wastes at the facility.

2.0 Agencies To Be Notified

City of Hayward Fire Department Hazardous Materials Office 25151 Clawiter Road Hayward, CA 94545 510-293-8695

3.0 Facility General Description

The facility is located at 3423 Investment Boulevard, Suite 8 in Hayward, California. The major cross street is Clawiter Road (see Attachment A for site map). The site is located within the City of Hayward in Alameda County. It consists of both office and analytical laboratory space. There are four offices and one main laboratory. The laboratory accounts for approximately one third of the 3,100 total square feet. The area outside of the building is surrounded on two sides by light industrial office buildings and on two sides by asphalt parking lots.

The facility is leased by Entech Analytical Labs. Entech is owned by Mike Golden, President. Mike can be contacted at 408-735-1550 x30.

4.0 Facility Process Description

This facility housed a state certified independent analytical laboratory owned by Entech Analytical Labs, and in operation until August of 1996. In late 1996 the operations at this facility were moved, along with analytical instruments, to Entech's Sunnyvale facility located at 525 Del Rey Avenue, Sunnyvale, California.

The following specific information is relevant to this facility and this Closure Plan:

 Various hazardous materials and wastes, including analytical calibration standards and chemicals, remain in this facility and are to be disposed of in accordance with all applicable regulations,

- b. The facility operated three fume hoods which will be decontaminated for eventual removal.
- c. All hazardous materials were/will be properly stored and shipped from this site for treatment and/or disposal,
- d. All sinks are connected to domestic gray water systems,
- e. The lab bench and fume hood sinks are connected to a point source water treatment system (in-line ultrapure mixed bed filter and organic removal filter cylinders) which will be properly disposed of,
- f. No waste was discharged to the sewer,
- g. No underground storage tanks exist at this facility.

4.1 Chemicals Used

Please refer to Attachment C for a complete listing of chemicals and hazardous wastes remaining onsite. In addition, a chemical location map is attached (Attachment B) showing where chemicals and wastes were stored and used in this facility. All chemicals and wastes currently onsite will be properly manifested and transported for proper use, treatment and/or disposal.

5.0 Purpose of Closure Plan

The purpose of this Closure Plan is to comply with applicable local and state requirements including the Hayward Municipal Code, Section 3-8.41b. The Plan will be submitted by Entech Analytical Labs to the City of Hayward Fire Department for approval. The Plan is intended to ensure the removal of hazardous materials, their residual wastes, and to eliminate possible contamination to the facility due to normal chemical use. This will be conducted in a manner that:

- a. Demonstrates that hazardous materials stored in the facility will be removed, disposed of, and/or reused in an appropriate manner;
- b. Eliminates or minimizes threats to public health and/or safety or to the environment from residual hazardous materials in the facility; and
- c. Eliminates or minimizes the need for further maintenance of the facility as a hazardous materials storage facility.

Areas to be addressed in this closure will be:

- a. Proper removal of hazardous chemicals and wastes; and
- Proper decontamination of surfaces potentially contaminated with hazardous materials.

6.0 Closure Plan Activities

6.1 Laboratory

The laboratory consists of a work bench, sink and three (3) chemical fume hoods. The bench, sink and floors of this room will be cleaned utilizing an industrial cleaner and surfaces will be pH tested using a field pH strip test top ensure that no residual corrosive materials remain on the surfaces. These surfaces will also be similarly tested for solvents using a field Spilfyter® strip test. The chemical fume hoods will be decontaminated utilizing industrial cleaners and/or dilute IPA and neutralization solution to remove potential hazardous residuals. These will also be field tested for both solvents and corrosives.

6.2 Chemical Storage Areas

All chemicals in the facility were stored in either one of two chemical cabinets (flammable cabinets), or one of two chemical storage closets. All chemicals have been inventoried (Attachment C). These two cabinets and two closets are identified on the attached site map (Attachment B). Both cabinets and closets will be properly emptied of their hazardous materials and cleaned using the same methods outlined in section 6.1 above.

6.3 Hazardous Material Disposition

All hazardous materials will be properly handled; manifested; and used, treated and/or disposed of by certified vendors, in accordance with all applicable local, state and federal requirements, including; the Department of Health Services (DOHS), the California Regional Water Quality Board (CRWQB), the US-EPA, and the Cal-EPA. Proper documentation, including receipts and manifests, will be maintained and submitted with the final Closure Report to the Fire Department.

It is been determined based on the nature of the facility and its operations, that no soil, groundwater or other samples, other than the field strip samples, will be collected and analyzed for this closure.

6.4 Spill Contingency and Safety Plan

A site specific Health & Safety plan and Spill Contingency Plan is attached. (Attachment D).

6.5 Schedule

This Closure Plan will be submitted to the City of Hayward Fire Department for review. Once approval is obtained for the proposed scope of work, Entech may proceed with the work as depicted in the closure plan. A representative of the Fire Department may be asked to inspect the facility prior to commencement of closure activities and after all closure proceedings has been completed.

7.0 Final Closure Report

Entech Analytical will submit a final Closure Report to the City of Hayward Fire Department within thirty days of completion of work outlined in the Closure Plan. This Report shall summarize actions actually taken to close the facility, and include receipts and manifests for chemicals and equipment. The report shall certify that the approved facility Closure Plan was carried out.

8.0 Attachments

Attachment A Facility Site Location Map

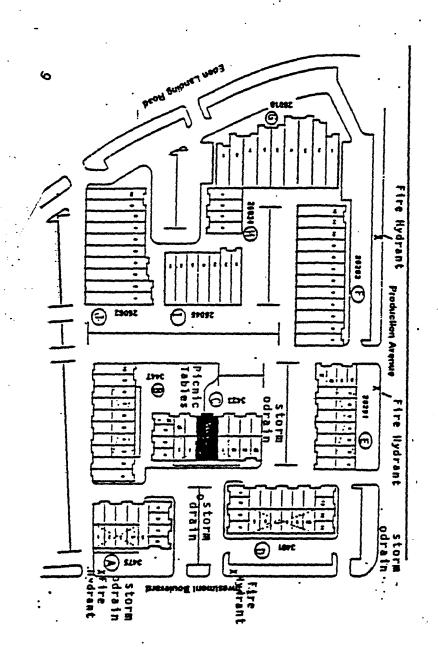
Attachment B Facility Plans - Area/Equipment Locations

Attachment C Hazardous Material Inventory

Attachment D Site Specific Health & Safety and Spill Contingency Plan

Attachment A Facility Site Location Map

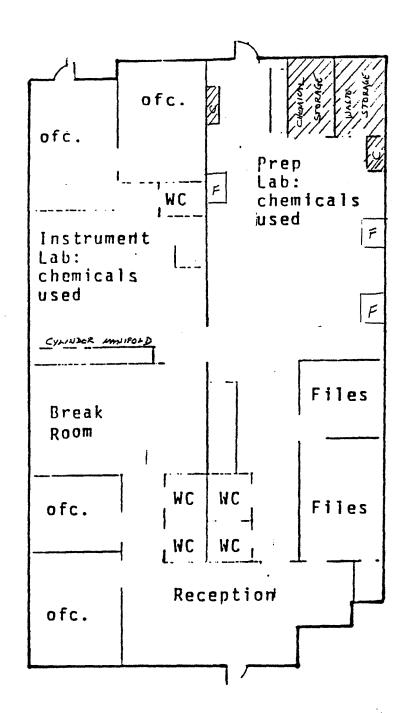
Facility Closure Plan Trace/Entech Analytical Labs



·

And a section

Attachment B Facility Plans - Area/Equipment Locations



Hazardous Materials Storage Areas

Attachment C Hazardous Material Inventory

PACKING LIST Continuation Sheet Page _____ of ____

CUMUT GAT MANE	С	ontainer	Informa	tion ·
CHEMICAL NAME	Number	Size	Unit	% Full
Methylene Char. de	4	41	g	100
		4.2	g	75
Hydrogen Peroxide	3	12	9	106
	1	12	ρ	25
1)	1	500ml	P	50
MIBE MTBE	. 1	41	9	. z <u>5</u>
		12	i q	75
Reagent Alashal Cabalile)		41	9	100
ethyl ether		500ml	metal	50
Methano		4.2	9	100
	a	41	9.	35- 25
//	1	12	9	90
37. NaBH4		500ml	<u> </u>	70
Acetone	(48	<u> 'q </u>	10
2,24 trimethal-Dentane	1	4.1	9	100
)		48	۷	70
<u>Dentane</u>		42	9	100
4		48	1	500 50
11		48	٩	75_
Johnshalene Gi.		28	9_	90
·11		22	3	50
が N-DCopanol		12	<u>a</u>	60
n &- proposal		4£	1 4	35

PACKING LIST Continuation Sheet Page 2 of _____

	Container Information				
CHEMICAL NAME	Number	Size	Unit	% Full	
ethyl-acetate)	1 L	a	60	
tri-sil		50 m)	g	70	
1,3 Dinitro benzene		25 g	9	100	
4-chlorataluene		100 Am	9	80	
2- chloroethyl etter		10001	9	100	
1,2 Di bino ethane		 50ml	9	70	
iso-Propyl Ether		il	· G	80	
Fluoro benzene)	100 ml	9	80	
Bis Clefluaroisopropul) Ketone		iouni	9	10	
1,23-Trichrampropere		1.00.2	٩	50	
- Acrestanide		€ Tha	- - -	160	
O-Dinitrobenzene		25 g	9	90	
1,3- Di nitro benzene		75g	<u> </u>	/00	
1,2-Naphthoguinone		10-5	<u> </u>	100	
3 Branobenzati fluoride		50 m	<u> </u>	40	
polyimale sealing resin		10 ml	<u>_</u>	50	
995		20ml_	9	100	
Jot A fuel		40ml	9	95	
Linear likylbenzene Sulfonate		500m)	P	100	
Prospinicic Acio	<u> </u>	20 ml	9_	10	
Cupra Sulfate			P		
NHUCI / NILY CIT BURREN Solm	1	Sival	9	50	
Cupic Saifate		125ml	G	60	

PACKING LIST Continuation Sheet Page 3 of ____

OURNICAL MAME	Container Information				
CHEMICAL NAME	Number	Size	Unit	% Ful.	
Phenol	/	P	250ml	25	
Nityott	/	500ml	7	50	
4-1MINOFUTIPYRIVE SOLUTAN		100ml	9	130	
Kz Fe (CN)	/	100 m 1	1	100	
4- AMINO AUT, PYRING	1	25 g	9	50	
PITENOL	. 1	.12	9	100	
K2 CK2 Oz	1	11	· P	30	
Sulfamile Acid	Ċ	12	7	80	
Sedwan Hydraid (NaOII)	/	11	٦	40	
	1	Soonl	P	.50	
11 11	/	10	ġ	50	
MgClz - 61+20		18	P	10	
KCN-KOH		il	9	100	
RCN SOLUSION	/	11	9	75-	
KCN. "		11	ر_ (م	25	
Sopium PHOSPHATOL		500m/	P	46	
CHEORIMING -T SOLD		zsoml	P	50	
ll lc .		250 9	9	80	
NATRITE STOLK SOL'N		500-21	9	90	
) i (i ii		11.		100	
it it		Sound		100	
· · · · · · · · · · · · · · · · · · ·	1	Sound	Ĵ	100	
BRUCING SUITHIN ACID		5.0041	7	75	

	C	ontainer	Informat	cion
CHEMICAL NAME	Number	Size	Unit	% Ful:
N-1 - NAPH THYLE THYLEUEDIAMILE	1	259	9	100
ANTIMONY POTAJSIUM TARTRATE		500g	P	100
SULFANILAMIDE		1009	g	/00
SODIUM ACCTARE		4539	>	70
Nace soe'w	/	5 om 1	7	20
Sodian Niver	. /	455cg	P	95
Petassium Winzur	/	4537	. 3	So
- WHENOWO - SIDIUM THANULITY	1	12	g	100
Airesi - IDDIDCT - AZIDCT	/	500 m 1	7	100
STARCH FUDICETOR SUL'N		Isoml	هر	80
Fectz . 611,0	1	12	ۻ	<i>_0</i> 0
Caclz	·	12	P	100
Pay Burren		rl	<u> </u>	100
M q S0 4	J	18	حر	100
Potassium Bilodate	1	500ml	ور	100
Ca (NOz) z	1	Soonl	<u> </u>	20
Cricium Sungar	1	50001	P	100
Marnon julimo.	(11	<u> </u>	50
(STANDARED Z) - CO. Col Ul In COURT	8	100 m	P	50 - 100
Se/HNO: COMISO STANDARD	4	100ml	7	50
. Aq is standard	1	100 med	7	
Be/ Holl Hoos STAYDARD		10001	ק	50
Fe Hall ITHUS STANDARD	3	1m 001	P	50

CUEMICAL NAME	C	Container Information			
CHEMICAL NAME	Number	Size	Unit	% Ful	
Colleales STANDARD	4	ivon (ھو	20	
Cd STANDAND	/	jount	P	50	
(ility), 1+704 11		18001	حر	80	
<u>Cu</u> "	3	100ml	P.	50	
Be / Hel / 14x10 5 11		100ml	P	50	
Pb		"100ml	جز ُ	50	
AS STANUARD	3	100ml	. 7	25	
Si 11	4	120ml	P	25	
A-9	4	12021	a_	50	
Al	4	600ml	P	50	
MO (401/14 NOS 12	4	100m1	خ	<u>J0</u>	
Muller / HPOJ U	5	100M	p/q	10	
<u>Co/sz ir</u>	3	·100ml	<u> </u>	25	
Cd/Cn/Pb 11	3	100ml	9	<u>Zo</u>	
5,/00 11	ì	100ml	P	20	
N1 53 11.	!	100.01	<ر	75	
N: Si u		18001	P	75	
B/+7 Siz 11.	į	100ml	P	39	
<u>Yri</u>		100ml	`\sigma_	5	
P6 13		LOOM		10	
Rel Hell It pag is	1	10021		50	
Bu n	2	1002	۶	/0	
Vanadoun 12	2	100.00	P	75	

PACKING LIST
Continuation Shee Page 6 of _____

CUENT CAL NAME	Co	ontainer	Informa	tion ·
CHEMICAL NAME	Number	Size	Unit	% Full
ABONIC STANDARD	1	150ml	P	50
1. Copper 11	/	100ml	p	10
Calcium		5 odnl	73	£0
lead 11		Zsom/	جر.	5
11 4	,	10001	P	10
THALLIUM 21	,	"loom!	P	54
Golg 11	1	100~1	9	100
Acomerum 11	1	5.00M	[] [2]	80
Citronium il	/	100 .~	P	20
Boron 11	t	500.ml	/>	100
Boxyce man u	/	100ml	17	50
ANTIMONY 11		louml	P	50
je ie		hour.	<u> </u>	~5
Mos 18 Devin "	1	iboni	<i>j</i> >	20
Cromium "	,	100ml	ور	50
TW il		(to , A	7	<5
Iron 11	_ /	500N	P	95-
Nriw (11 .	ĺ	100ml	?	25
CoBMT 11		100ml	P	25_
Citrouinn 11		juunl	7	25
Victory 11	1	اسان ،	?	20
Silveon 11.		100ml	ح	10
lead	1	500 2	P	96

PACKING LIST
Continuation Shee Page 7 of _____

CUENTOAL MAME	Co	Container Information				
CHEMICAL NAME	Number	Size	Unit	% Full		
SILVER STANDARD	2	500 ml	g	90		
Moneum !		70	11	90		
Screwm "	1	?(۾	100		
Martin il	1	11	10 .	90		
ZINE "	l	11	21.	90		
Mounos !!	. (/ i	10	70		
Zotrssium !!	1	150 ml	и	90		
Corpor 11	(100 ml	۾	20		
Tirroram 11	į	ivant	1	100		
So gan	/	101 21	P	. 75_		
j+ g 11	13	100ml	م	50-100		
	7	Soml	2	50		
A 9 1	8	100 ml	73	100		
Ni	,	100ml	P	50		
Si . 11	1	10001	در	100		
56 11	/	10001	3	50		
ija 11	- 2	1duni	?	75		
CTA MIN	5	100ml	?	50		
Somum		100 ml	P	80		
Tiv u		1002	<u> </u>	25		
Braun 11		(00:01	7	50		
A luminum W	1	100 ml	P	وح		
ARSONIC II		100 m l	3	75		

PACKING LIST
Continuation Shee Page 9 of _____

QUENT CAL MANE	Co	Container Information				
CHEMICAL NAME	Number	Size	Unit	% Ful:		
CADMIUM STANDARD	1	100 ml	P	25		
Maroun "	/	"		75-		
SILICON "		i (41	40		
TITANIAM 11	,	"	٠٠, `	90		
Iron "	7	٠,	LI	50		
- Service "			,2	75		
Maresum "		Le		80		
Coppor	/	í i	61	50		
Greium "		<i>l.</i> (41	75-		
ANTIMONY (1	(, ((41	. 10		
	/	<i>(</i>	٠٠	10		
Cotromicia u		<i>(</i> (CE	80		
Mohron	(14	//	25		
THARLIUM "		<i>)</i> L	11	50		
Bony LLIAM 4	į	il	11	50.		
Conver 11		11	11	10		
MOLYBOONIN "	/	40	11	50.		
4010	(/(41	80		
Nicaor 11	1	- 11	.11	50		
Moncary "		11.	/1	75		
ROTASIUM 11		- 11	11	80		
Siever.	(11	9	20		
EPA 3/4 "	8	/ Wml	P	100		
tra 1/2 11	78	100 ml	7	50-100		

PACKING LIST
Continuation She Page 7 of _____

Syland	ad 1 12 87		•	. •
		ontainer	Informa	tion
CHEMICAL NAME	Number	Size	Unit	% Full
Annovium Mongano 502'W	,	Soom!	O)	(00
125 et 1	/	Soul	J.	,:00
b k	/	s don!	9	10
1t 2 50 y		250ml	g	50
ASCORBLE ACID SOLW	,	250m (9	50
MOLBDIC ACID I	/	"11	م	7.5
POY SAZIN	3	150ml	. 7>	50
PHOSPIDGUS STANDARI)	,	150ml	P	20
142 504	/	1.50ml	רן	50
STANHOLL CHLOZIDE SOLN (SNCLZ.)	1	150M	7	70
PHENO LATHER ION SOLW		100ml	حر	30
POY SOL'N	1	100ml	P	20
AMENIAM ITEPTAMOLYBOARS		7 16		50
POTASSIUM PHOPPHATE MUNO BASTC		j 16	P	76
Annowin PERSULFATO		500 ij	P	80
SODIUM ONALARE POWNER		Lovy.	P	120
STONNOW! CHOCIPE (RYDTON		1259	7	80
PHENOL RED	1	10001	Gr.	10
. Na 2 52 03	1	ZSml	<u>u</u>	50
Azioy 5012	1-1-	ZSUMI	4	60
POTINSIUM B, - 102155		259	<u> </u>	50
SOPRIM NOLYBDATE		1259	P	60
CittoROMINE - T	1 1 -	100ml	P	60

PACKING LIST
Continuation She Page _______ of ______

	C	ontainer	Informa	tion ·
CHEMICAL NAME	Number	Size	Unit	% Full
Sopium Accouse - Germuna		Sough	P	100
POTAKULM FROURING - CRYTA	,	500 gm	ٔ در	100
CALCIUM OXUR - POWDIN		500 9	P	100
SODIUM RORMITE		Souy	6	100
Noz CO3 SOLIN	1	500Ml	P.	100
BROWIDE SOLIN	2	"150ml	٦	50
Boron Sozin	/	isonl	P	75
	1	Sound	9	100
SODJan THOSULFATE SOLW		Sound	G	25-6
JMMEDIUM HYDIOXIDO		11	P	50
<u>Ca</u> Snin	/	1l	حر	/00
ZINC ACOTTO		1.2	P	20
EDTA Sola		12	P	100
		5 ound	P	52
1+250 x 50 c/N		12	G	< 10
Crice Hame - Buea - T (solid)	_/	100 4		50
ii ! South	/_	150ml	حر	63
MOTHEROD		150ml	2	70
Na OH Solin	,	12	P	20
AMMONIUM CHEORIDE		500g	<u> </u>	100
Acetre Acia		500ml	2ر	20
- HAC SOLIN		5001	7	20
Naz Coz Solin	/	18	S a	100

THITCIAL COUC.

Page _______ of ______

Container Information CHEMICAL NAME Unit Size % Full Number NH4 017 100 ml G ·Z POTASSIUM B1-10DATE 4 CHECRIDES 150ml 50 POTATELLA B: 17HT HALATE 4 20 10 CYANIDO 62415ms Ü G 100 PorDSium 10 5004 100 Ğ 100 G 50 5009 5009 10 90 144 DROXIDE. 100 Ġ HYDROLCH PHTHALATE 75 FETERICYANIDE (CHIMIS) 75 G 25g 50 G ll u 75 1 16. G FERROCYANIDE 4 116. 100 POTASSIAN DITTATE 5004 100

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Page ______ of [

Container Information CHEMICAL NAME % Full Unit Number Size 250 a Pornssian IDDIDG 100 U PHOSPHATO DI-BASIC 50 20 G NITRITE 75 11 PItOSPITATE MUNU BASIC 500 g 100 POTASSIUM PHOSPHARE TIZYRASIC . 2 5001 100 1004 B P 50 SULPARE (CZYSTE) G 20 ml 10C 5004 SULFARET Surpor 10 MAGNESIUM ANHYPERUS 50 CRYSTAL CHORIDE 60 Sougn Ci CRYSIMS 500 ru 30 60 MOLYBPINUM TELOXIDE (SOUDER) 1000 4 2. 20 MORCURIC SALITIC <u>5</u>069 90 11 60 G 1 16. MURCURY 25 Nicherious Nimmer 4 100 CYAUGGEN DOI)INE FU Cuprice Sucons

CURVICAL VIVE	Container Information				
CHEMICAL NAME	Number	Size	Unit	% Ful:	
MUMINUM HITRITE SOLIN	/	11	G	50	
A (Olt) 3' 51/w		,50ml	<i>حر</i>	<u> </u>	
. ALUMINUM NITHTE (CETITI)		5009	9	50	
Brewn NITHTE (CRYPTHE)		1 16.	ور	100	
i' CHLORIRE (granulas)		116.	حر	40	
il 11 (anhychous)		500 g	P	50	
11 U (di-hydrste)	1	5009	P	50	
- Bismutt NITHTO	7	113 g	G	zo	
ANTOMONY (NON DOM)		125-9	G	000	
BAR, TURIC ACID	1	5009.	9	25	
BORIC. ACID	,	1 10.	;p	60	
504 5021N	(12	P	20	
10 10		16	G	50	
SODIUM FHIOSULFITE SULIN	1	For ml	G	10	
K1 - K103 Solá	i	1l	P	25	
Back sola	上座	il.	P	50	
	/	11		Zo	
Suitate suffer.	/	11	Ċŋ	0	
SODIUM BLETTOMIC		1 16.	P	10	
Proposition To Ditto	2	113q.	_ح	10	
· SULFAN BUFFOR		sound		40	
Fennows Amminiam surrow Sin) <u>{</u>	1.6	G	50	
FAS solv	(rl	P	0</td	

CUENTOAL MAME	Container Information				
CHEMICAL NAME	Number	Size	Unit	% Ful	
CAPMIUM CITCORIAN	1	116.	G	75-	
ir storm	8	Soo g	G	75	
Cosium Citeorine	1	25g	9	50	
Crecium Cition no anhylon		1 16.	G	Zo	
11 GARBONATE	1	176.	Ģ	70	
ic SULFATE	- 2	1 16.	G	8°C	
CORIC AMMORIUM SOUTHE	/	1 16.	Cy	50	
LODING (CRYSTALS)	/	30 gm	G	10	
FORING SOLIN	/	250ml	G	20	
LEND NITATO	/	116.	લ	· 50	
l' Acarno	/	5009	P	60	
n Cittorias (compen)	1	500g	P	70	
Merosium Saciento (anhydrous)	/	1 16.		Zo	
FERRIC AMMONIUM SUESTED	/	1 16.	9	Zo	
Fennous a 11	1	Sucam	P	Zs-	
12 (1 ic	/	1 16.	P	20	
FERRIL CHLORIDE	/	5009	P	75	
4,6 - DIN1TRO -0-KRESOL	1	5004	P	50	
LANTHANUM NITHTO	1	1139	G	1 10	
HYDROX YLAMINE HYDROCHLODISC CLYPT	» j	500 y 3	Box/G	100	
Annohum PHOSPHATE - DIBHIC	/	1 16.	7	30	
AMMONIUM. CHONIDO	2	5009	9	/00	
in Nitrate	1	1 76.	حر	75	

CHEMICAL NAME	Co	Container Information				
CHEMICAL NAME	Number	Size	Unit	% Ful.		
K7 Cr2 07 Solve		16	7	60		
Francia Insierran Soin		150 m	در ا	20		
KODICHEOMSTE SOL'N		11	P	40		
FATS SOLIN		500ml	Gr	10		
Fensous Sur ATO	/	1 16.	G	80		
POTOSSIUM DIEITROMITE		116.	ه	Zo		
SILVER JUE 194 10	,	25 g.	G	< 10		
DHUCK Solution	1	12	G			
BOMAN BURGON	,	12	G	<u>50</u>		
Nity C1 Sciution	,	<u>.1l</u>	G	100		
Nuz By.CI Solm	1	11	Ġ	50		
11 g Sely Solin		50,21	P	50		
itypoch boous soil	1	100ml	م	<u>5</u>		
11, 504 Solve	/	Sound	כן	50		
117 80.5 So In	(250ml	حر	90		
PHENANCE REALIZAT	(250ml	7	20		
NITROBON TUPINTAL SULW	- 2	250ml	7	50		
NH4 SOIN	/	Zsoml	حر	75		
ic te	1	"	1.	25		
Manyanous Sily Solution	l .	//	P	20		
· BERTE SULIN	i	250m	حر			
Naz Soz , sotzo Sola		250,-1	P	50		
TRICTHAN OLIMING	,	473ml	9	60		

CUENTOAL NAME	Container Information				
CHEMICAL NAME	Number	Size	Unit	% Ful	
1, 3,5 TRICITIONOBENZENCE		1004	P	100	
/-	1	5009	9	100	
1, 2, 4 11 SALIN	1.	il	G	20_	
URGA	Z	500 9	P	80	
1,2,36, - Total HYDROSTIALIK (ANNYDRING)	1	100 4	9	100	
TRNON X-100		100ml	9	80	
"WASSE" - AMSER ROTTER (SOLID)	??	500 9	# 4	40	
THIOH CETAMIDE		//3g	G	80	
û 11	/	1139	9	90	
THIONALI DE	/	125 g	4	50	
THOGEYCOCARS	1	1259	Ġ	100	
PHENOL	Z	1 16.	G	50	
Pinerry Sur-FoxIDS		250ml	حر	20	
SiDIUM DIETHYL DITHOCKESA MATE		1009	G	90	
MOTHOLOGE MC		Sou q	P	90	
PHEN ANTHRONE	/	100 7	G	600	
3 - METIMEI - PHENYL-Z- PYRAZOLIN-SONE	/	100 9	জ	100	
SUDJULM DIMETHYED, THECHANINGTO	<i>j</i>	(009	<i>ن</i> َ	25	
c/ ly u	/	1009	G	100	
N. V. DI METHYL-P- PHANTLEN COMMENT	j	1004	<u>G</u>	100	
SULFANILIE ACID (CAYING)	1	-75g	P	60	
56-p-D: nethylamino - benzylindere) shoiles	· /	250	G	ورح	
1- Pyrrolidine carb odithioic and ammis		1004	7	96	

CUENTCAL NAME	Container Information				
CHEMICAL NAME	Number	Size	Unit	% Ful	
3-MOTA1-1-phenyl-Zpy-ozolin-5-une	1	100%	C,	100	
5- Ep-Direthylaming benz Vices phochini	I '	109	G	<10	
PHENYL - 1+4DAL ZING SOLA		100 9	9	100	
1,10-PHORANTHROLING		25y.	G	60	
TETTO METHYLAMMONIUM HYDROXDI	•	4007	G.	10	
Molybdie Acid (posier)	7	7/37	9	So	
P Naphtholbenze.	/	109	Gr	100	
MUREYINE (AMMONIAM PARPER	1-12-)]	5 opni	9	20	
NAPIAMIENE	,	1 16.	Gi	80	
HYDROQUINONE	2	5009	F	· 80	
EDTA (POWDER)	1	1 16.	G	/0t	
n n	/	116.	حر	-0	
DEXTROSC (POULL)		1001	G	20	
PITENYLAZOFO COME ACID Z-PITENYL HUPERZI	nc /	109	5_	100	
Hypry ZING SUCFATE	1	1009	G	100	
Zy - DIETHOROTOUSENC ACID	/	25 g	5	100	
Z.6- DINITRETOURNE	/	75g	<u>G</u>	100	
DIMOTHYL-GLYOXIMO	į	J 309	G	100	
ic U	1	125° g	P	90	
M.N - DISTLICTLIBONG-ETHYLCREDUMIN	·	1003	9	80	
Giluramie Aein	<i>j</i>	50.	બ	/0	
DZ-DITHIO FHREITOL (CLEINDS)	/	19	G	100	
Z,4 DINITRO TOLUENE (CHZGHZW	er)-) /	1009	G	100	

OUTHICAL NAME	Container Information				
CHEMICAL NAME	Number	Size	Unit	% Full	
Liz. DAMINOCYCLOITERANT TOTRACTIC ACID	2 /	1009	P	100	
DIETHYL - 1, 4- PHENYLONE DIAMINO (OCH) 2 N	814N1121	1009	Ğ	100	
Acore Acio	1	Swort 1	Ğ	60	
AMINONAPHTHORSULFONIC ACID	1	1567	9	100	
ANTHRACEUE	1	1009	۾	100	
ASCORBIE ACID		1009	G	100	
ANTITRA NILIE ACID		25g	- C7	100	
ALUMINON		25g	9	100	
AMMONIUM 1-PYROLIBINGER 30 DATTANT	1 31	109	9	100	
BETANAPIT MOL	1	501	G	100	
AGNR	,	25.9	Ġ	10	
C1+6-70-100		259	G	50	
CITADMOTROPIC TEID		759	<u> </u>	100	
CATECHOL (CGH4-1,2-(0H)2)	/	1009	G	100	
CARMING- (SUM LARO)	<i>i</i>	25.9	C ₇	80	
CARCON (CUHIS USNENOS)		59	<u> </u>	50	
CURCUMIN (CZ/1/20 00) CAJILI	/_	254	4	50	
FLOURIPE BUFFER SOLIN	l	Sooms	4	60	
Nali Solin	1	11	حر	0	
Somum Frouring Soun		Soum!	<u> </u>	80	
. ic (1 4	/	500m1	G	100	
ETHANOL		500ml	9	10	
SODIUM FLOURIDE (AUWOLD)	1	1139	P	50	

INIUIAI OOGE.

Container Information CHEMICAL NAME Size Unit % Full Number G_{ℓ} Cozao-GRODSU 50 102 کہ NaOI+ Solim Social 19 1/4 (Cz /+3 02)2 solin 100 12 Ġ 90 INDING SOIN NaUH Solla 50 500ml STARCH SOLIN 25 150ml 6 Sound Na, 52 03 Sola *S*o 300m G 50 URINYL ACOTATE 102 17 50 Z 5g G, 50 STILBENG YEZLOW BIO-STATA G 50 GRIOCITRONE BLYER T 40 a METHYLONG SLOW CONURING 10 9 509 G MOTIFYE RED (solium sall) So 50 G Pitero - Rop 11 11 12 100 CTLCIAM ROP 60 PRIOCIFROME BUT BUTCH R 109 G 75 BRILLIAM YCLLOW PYC 9 1 50 4 0Z, STANNOW CHERIDE 50 150ml MoTHYLONE BLUE CT 100 FRIOCIPROME BLACK - T 10 G CYANINE R 102 00 Œ Moneye orrate. Fapierron G_{7} 100 MOTIFICATE BUILT

CHEMICAL MAME	Container Information				
CHEMICAL NAME	Number	Size	Unit	% Full	
1,10 - PHONAN-TITRUCING NUMBERYIMARE	/	57	G	20	
Browerson Grow		5g	9	Zo	
DICHLORD FLOURCES DESN ENDICATOR	1	25ml	ર્લું	<u>5</u> e	
FERROIN ENPICTION	(25~1	P	10	
DI PHONYL GREATING	1	ZSung	G	Ø	
	. /	" 25g	G	40	
Ammorisum MULYSDITTE SULIN	<i>l</i>	zson	P	10	
Ky Cr2 07 50 1:n	l	500 ml	G	75	
Nault / Waz Co ; Solin	/	11	P	100	
Sr Oz Sub	/	11	حر	. 100	
11 NOS 502'N	/	1.8	Þ	80	
KE-KEO; SOZIN	1	11	Ĝ	50	
HYDZOGUNONE SOLN	1	Sound	cy	20	
CHEORING SCLW	,	500 m	حر	100	
Sovinus Ansonito	2	500:n1	Ġ	90	
FODER SACT SOLN	/	See m (حر	75	
Fernic South South	- 1	150ml	P	70	
So Dium 144170 CHOKING SOLW	/	250ml	P	0	
Marrey THOCYANATE SOUN	1	50-1	P	15	
CD FUL SOLIN	, .	1502-1	_ <u>L</u>	50	
1to Soy Schution	(150ml	13	50	
STACH ENDING	1	150ml	P	25	
itci sol'n	1	500 m	G	50	

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QUENT CAL MAKE	C	ontainer	Informa	tion ·
CHEMICAL NAME	Number	Size	Unit	% Full
MOTHYL ROD DUDIOTOR	1	Z59	G	50
Nicher VIORATE HOWHHYDRATE		2509	P	75
CPN MCTITOD SUGA SOLIN	1	ZSOM	G	50
Pannishy (-ammoberral solin		100ml	P	0
Hz Poy 5012	1.	2 Som1	G	15
CALCIUM HYPOCITIER (18 SOLIN	. /	500 ml	حر	Zo
CITRIC ACID (7:2.12-)	1	3009	P	50
1. 1. So/.~	1	12	G	Ø
1+2 Soy Solin	1	1l	G	30
Na 0 1+ 501'~	1	11	P	75
TCLP SOLIN	1	11	G	100
le ce	/	11	G	0
Na Q1+ So intien	/	500ml	P	20
Naz Soy solution	l	Sooml	Ρ	10
ii (sodid)		1009	P	/0
Po FATIMA Hyproxoes Socurron	/	500~1	P	20
17,504 Solution	-2_	(1000)	17	10
Itcl Solution.	1	500 :1	P	20
American Cirritor dibaic		5 16.	G	80
SODIUM BICARBOLATIO		516.	<u>G</u>	<u></u>
CARBON activated	/	1 16.	<u> </u>	25
DRIRITE"	7	1 16	G	80
: (1 _	1 16	G	100

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Page ZZ of

Container Information CHEMICAL NAME Size Unit % Full Number 5-16, POTITISIUM COMO RIDE CONTANT 100 Sopium Grasoure 2.5 kg BRUEINE SULFTHE ACID 100 (Bux) G CITALE ACID (gr.) 2.5 kg 5 30 2001 Z. Sacy P 100 SODIUM CHURIDES (gr.) 100 MICROGRAT abousive Condboard P (Sax) Potrissium Hydroxic 10 TRISODIAN PHOSPITATE (TSP) 20 and band G (61x) 4 5001 SILICA GOR 100 1 4001 BROMING (60x) G 55 100ml 50 Brain Ston Drei Lound 7 MOLY BOONUM "i ZO P Micaca Suomi 75 500,-1 *5*℃ MOLYBOANIN 11 17 500 ; 11 i 80 SCZETIUM 500 21 ARJUNIC 100 11 Sio ml P VANA DIMM 80 500 ...1 60 LOM-D 60 1 Sugar Niekel 1 Soonl כן 75 CADMINIM 11 80 . 11 150 ml G 80 1500 4 11 BERUZIUM

Page _______ of _____

Container Information CHEMICAL NAME Size Unit % Full Number 4 90 Ag STANDARD 150m 150m1 P 80 SOOMI Silven 11 G 75. 90 Menoury a SUUM 80 G 5000 ANTIMONY 4 "500ml ZINC 60 · Soum 12 Nieror 80 ll 1 11 BARIUM Sound 40 80 1 Suml 01 (H2 DOMIUM 4 118m1 80 Poinssum 11 MANGENETIC-118 ml 20 j P 90 118 ml Magnesium Colcium 80 218 m 11 H 90 500 ml ARSONIC_ : (11 11 50 LETTO CHROMIUM 11 ti 41 80 Chomium !! 11 11 60 1 4 60 COBALT " 2 (11 75 4 BURYLLIUM 11 11 21 60 BARIUM " 60 10 10 1 4 1.1 60 Marysponer 111 40 u 7 11 ALaminan

Page <u>24</u> of ____

CHEMICAL NAME	C	Container Information				
	Number	Size	Unit	% Ful		
VANADIUM STANDARD	/	Sooml	در	80		
IRON :		Ł I	<i>د</i> ا	90		
Sczonium "		((u	90		
POTATSIUM 11	1	100 ml	P	50		
GOLD 11	/	٤٠	u	60		
MAGNESLUM 11	. /		U.	60		
Sovium 4	1	t,	÷ŧ	100		
L7 1/	1	500 ml	7	90		
MULY BDONUM 11	/	5001	حر	80		
CAPMIUM 11	1	, 21	Lí	.80		
CITREMIUM 11	1	и	. 11	75		
COBNET 11	1	÷/	r l	75		
VANADIUM 11		- 17	11	60		
Coppen u		<i>i1</i>	11	60		
Acaminum u		<i>i</i> 1	17	60		
Silicon ii)	21	11	25		
COPPER	1		11	70		
Sicuen 11.	1	500 mi	G	50		
MERCURY STANDAND		500m1	બં	90		
Hydrochlone Acid	4	41	<u> ५</u>	100		
ACETIC ACID	1	500 ml	9	/0		
FORMIC ACID	j	Sou ml	G	50		
14203		41	Ä	10		

Page <u>[5</u> of _____

OURNE CAL MANE	Container Information				
CHEMICAL NAME	Number	Size	Unit	% Full	
PHOS PHURIC ACID	,	41	G	100	
' Corne AS(P	<i>j</i>	41	G	10	
Sopiam comme	2.	500ml	حر	10	
TCLP Soin	1	46	Ĝ	80	
Cirrie Aein Solia	1	41	G	80	
Su, forie Acid	Z	2.5l	G	60	
NITRIC Neis	3	z.sl	G	700	
17 17	1 .	16	te	10	
TUP SULVENT	1	41	11	25	
"LLANLD WASIE"	2	5 gal	P	80	
n . u	1	zo yu l		75	
Iz BONZONO (ONLIND WAD ROMON)		Zonl	Cr Cr	25	
ALROWN 336 IN MIBR	/	500 ml	<u>G</u>	10	
h u n	1	il	i,	T/0	
TRICITIONE CT! YOUNG	1	475 ml	17	25	
Iz a BENTOPIC		Scont	<u></u>	10	
11 11	<i>j</i>	11	Je ²	60	
1, 11		11	R	<-5	
Y Y LENE	1	500ml	Ġ	50	
1/2 DICHLORD BETERIE	1	100m/	5,	90	
Gly cerol	/	500m/	Ćį.	80	
TETRA PITENCA LEAD	1	20 4	Ģ	100	
V y LEVIE	j	Sooml	4	60	

THIUTAL COUC.

Container Information CHEMICAL NAME Unit % Full Number Size Xvin w/MIBK 150 ml 0 4 5009 . HEXIT CHORD CYCLO ITE XVINE Ğ 100 (7/412N) 5007 G <5 500 W 90 - TRICATORO SENTENT 500 9 0- (NOSOL 100 2009 G, 100 Z. CHIONO YOUNG Cr m - Cretoi 100.7 100 Vinvliden Chlowde G_1 ₹ઇ 1009 TOLUGE SUCTONE ACID Growby Late) 60 6 1000 100 G 3- CHIERO MINUTE 75 1009 PHONE GTHER CASUTAZIZOD j کـ> HyDROC (teoric fein ZSUM1 6 5 1 VITALL ACID Soml Cleaning Solwhow Concentration 120 چک 50 1, 4 - DICIRORD Z-MUTTHE SON TONS 80 Ğ 1, 2, 3, 5 TOMA CINOROISONICRE 1 1, Z DIEIMARS CTITYLONG 4 1009 G 1,3 DICTEROBETTONS. 100 1001 80 1, 2, 3 5 TETRACINORO BENZONI G 60 4 - Flunkonnaline 100 TETRACITLORO SEVECULE Z G 100 4 123 TRICHCORD PROPERTY 4 100 Xy here Cyanol 1000

Page <u>27</u> of

	С	ontainer	Informa	tion ·
CHEMICAL NAME	Number	Size	Unit	% Full
1, 1, 2, z, TOTRACHORD WIMONG	1	Zsig	G	50
A. HENDERMO CASTRATION		800ml	G	6'0
1,1 Picouwor mont	1	<i>j15</i> -04	G	60
1. Napthogunor	(75-1	P	60
ORTHO-di Chlow burne	/	250ml	Ci.	de
13 DICATION 4- MOTING TON CONT		76	G	50
0 Dichters BINTENE)	71	G	60
1, 2 Dichloro - 4 Method Beating	2	1009	Ĺ,	70
Dischil Phthalate	/	1000	6	100
1, 4 Dichlow Benzence Cystallical		1009	Ćr.	100
1,7 Dibromotetraflus cethan	0	ivon 1	Ġ	100
CHROTORN	1	SOOM	Ä	50
methyl alcohoi	1	253m7	P	50
1.24 TRILITOROJUNGER)	Swm/	4	50
ProcryL THALATE DIENE	1	100 a	G	50
TRICHUROTOLUENE		50,	6	50
BROMINS	/	1 16.	69	<u>~5</u>
EXICHEURGHAMAIN.	J	100n	67	50
· 180 PRITYL FLETIFIC	/	5000	4,	40
N 11	7	100 M	61	100
p Chesch	1	1000	9	/CO
CHRYSENE	1	1.5	9	/50
TSO - BUTYL ALLOHOL		500ml	Ú.	80

Continuation Sher Page <u>78</u> of

Container Information CHEMICAL NAME Unit % Full Number Size 1 16. Browner a land 100 2,35,6 TETRA CITLORU PHONE 109 4 100 0 - Xy Lene 6 75 Sound 7.6. DILHORD PIMARL 1006 6 100 PROPYL ACOTHOR 1009 4 100 Cyclocotane 1000 100 1 NITTO BONZENT 5004 Ú 100 LACTIC ACLA 500.01 4 100 80 6/4 and/ 500.41 a 100 1, 2, 4, 5 TETRACHOLO BONTONIS 4 1001 90 Soon BUSYL Account SÓ 250m1 4 2 ALROICE OTS 11 40 4 TETRICIPIONOTTIFICACO Sont 50 "UNUVOUR hostor" (8/8/36) a 4 50 Soonl P-Xy Love_ ノ 1 16. Ċ; 5 Soprum suitade cristals 4 500 9 100 T1+10732000 200 500m1 4 TRIC ITLORGETTYLISTE 0 Scom h BACENE 41 4 10 Ranger + Having 50 AL : GULT 336 (TRICARTLY) METHYLAMMONIUM 4 Souni CHORINE) 500m 1 6 60 PURIDINE 11 G 100 Colle hexanina

Initial Code:

DKOW ID:

Page Z9 of

Container Information CHEMICAL NAME Unit % Full Number Size 17 Durions Estativo 500 ml G 80 50 1, 1, 1 TRICHONSOMONO Sooms G 1 2 PICHEUROPROPAL 100 SOFTIM SUCIESTES anhylow 6 7.5K. 25 ACIONET 36 (TRICATRYCYZ MOTTAGENTANIMACITACONTOS) / 60 G aso Prospod 100 l 1000 a 4 80 TRITTOURS TOLUENT 5000 P- Xy lem 4 50 500x1 ioonl CASTAD GTX MULO 3.1 50 42 CHOKO FEORM 100 Ġ CARBON TOTALOGICALDE 30° Y L Hychochloride Soli Soon/ 10 Q 50 2,6- DIMOTHYL- 24,6-OCTATRICAL 250 ml a 1- chloro Lexere 50 1003 * TRICHTORD BENZONE CRYSTOPIESED Ü 100 100 m 100 ml 1,2 DIBROWS TETRA FLUORO STHANK 50 90 Box yl chlorid 4 100m1 10 ACRYLONITRILE. 4 1009 2 50 ml 100 TRICHLORG PLUETE METANCE CELIMICARI 200 1000 7 ZBC-BUTYL-4.6- DIUTTROPHENOL 100 G / jound Methy Stonen DIAZAZI) (N-metha | -1) - hitroso-p. tolore) a 50 1001 9 100 TOLICUE

LAB PACK
PACKING LIST
Continuation Shee

Initial Code:

DRUM ID:

Page 30 of ____

Container Information CHEMICAL NAME Unit % Full Number Size NYLONGS 4 42 90 48 P 100 BONZONS A 42 20 Ethyl Acetate 42 G 50 42 9 STODDITED SOLVENT 200 48 4 10 ACOTONITRICES 41 PYRIDING 60 G Z- (Z-EThoxy ellowy)-EThank 41 4 75 EThomas 41 20 41 4- Mthy 1 - 2- sentano $\tilde{\mathcal{A}}$ 10 41 4 5 o 100 Ace for the 60 11 postering the (Technica (Grade) 251 10 4 "ORGANIC WASTE" 42 0 1. gal. 45 Aletone "onesure wasses" 42 _ Z a 100 Vacaum Rump 011. 11 30 Carbon Disist hor Sooml Zo 9 100 Ĉi 500-4 100 Hexadecore 100 Citrone somewo 60 12 9 Hermi sois 100 Hupanuce UIn Soml 4 IPS Fur 100

	Chemical Manu	facture Name	Size
	zinc acctate (granular) Zn(CaH302)a· 2H20	Mallinckrodt AR	l 1b.
3	Sulfamic-acid 99% H3N035	Mallinckrodt oR	500gm
	Lanthanum Chloride, 7- Hydrate LaCl3-7H20	'Baker Analyzed'	259
4	Strontium Nitrate Sr(NO3)2	(Amberjar)	9.5 g
3	Zinc Sulfate (crystals) ZnSo4: 7H20	MC/B	llb.
(oxalic Acid (crystals) H2C2O4 2H2O	Malinckrodt AR	500GM ,
②	Starch (soluble, pouder) (Cultio05)n	MC/B	Hoz.
8.	Starch (Patato pouder)	Spectrum	500gm
$\overline{}$	Sulfamic Acid (crystal)	Spectrum	570 gm
(10)	Vanadium Pentoxide	Fisher Scientific Co-	1139.
(ii)	Yttrium Nitrate Y(NO3)3. 640	Rocky Mountain Research inc.	1/2 16

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		32 of _	
	Chemical (12) Tantalum oxide, spec. grade Tazos	Manuf. Name Alfa Inorganics Ventron	52e 25 gm.
	(13) S (rocks)	(plastic vial)	~25-5₹
	(4) Sodium Thiosulfate (crystals) Na25203 '5H20	Mallinekrodt AR	116.
	(3) Sodium Thiosulfate (soln')	(plastic bottle)	125 mL
	(10) Sodium Thiosul fate (crystals) Na25203: 5H20	Mallinckrodt AR _	500 Gm
7	13 Sodium Phosphate, Dibasi C (crystal) Na2 HP04 7 7H20	Baker Analyzed	116.
	(18) Sodium Phosphate Monobasic Natta Poy: Hab	Mallinckrodt AR	506 GM
	(19) Sodium Phosphate (granular) - Dibasic Heptahydrate - Naz HPO4 · 7H20	Mallinckrodt AR	1.1b-
2 2 2 2	20) Sodium Phosphate (granular) - Dibasic Anhydrous- Naa HPO4	Mallinekrodt AR	500 GM
4444%	(a) Sodium Tartrate (neutral) Na2 C4 H406. 2H20	Fisher Scientific	1lb.

Chemical Sodium Potassium Tartrate (erystal) Nak C4 H400.4 H20	Manuf. Name Fisher Scientific	Size
Sodium Sulfite (anhydrous) Na ₂ 503	Fisher Scientific	116.
24) NaCl (300g/L)	(Plastic Bottle)	Liter
25) NaOH (2.5N)	(Plastic Bottle)	1 Liter (feels empty
(Soln-) (~10N)	(plastic Bottle)	500 mc (feels empty)
Sodium Dichromate (granular) Na2Cr207 2H20	VWR scientific	11b (feels empty)
(38) Sodium Dichromate (technical)	Shape Products	51bs.
29) Sodium Hydroxide NaOH	EM Science	2.5kg.
(30) Sodium Carbonate Annydrous (granular) Na2CO3	MallinckrodtAR	50G M
31) Sodium Carbonate Anhydrous (powder) Na ₂ CO ₃	Mallinckrodt AR	500GM
Sodium Carbonate Anhydrous (powder) Na ₂ Co ₃	Mallinekrodt AR	500 GM

Chemical	manuf. Name	Size
(33) Sodium Borate	MC/B	1 16.
(Sodium Tetraborate, Occanydrate)		
(crystals)		
Na2 84 07 10 Had		
(granular)	Mallinekrodt	116.
(35) Salicylic Acid (Crystal) Culty (OH) COOH	Spectrum Chem.	1259
Sodium Azide (granular) NaN3	Spectrum Chem.	1009-
37) Silver Mitrate (crystal) Ag NO3	'Baker Analyzed'	30g
38) Sodium Bromide (granular) NaBr	Mallinckrodt AR	116.
9 Sodium Azide	EM	1009.
pottleis (40) Sodium Hydrochloride tablets read!	MC/B	500 mi ja
Nacl	Bio-Response, Inc.	~25-50 g
Nacl	Bio-Response, Inc.	~25-50g
2 (43) Nacl	Bio-Response, Inc.	25-50g
S		

Chemical	Manuf. Name	Size
Nacion Perchlorate (purifie	d) vwR Scientific	116.
45) Sodium lodide (granular	MallinckrodtAR	500GM
Na CaH302. 3420	Mallinekrodt	1416.
97) Silver Nitrate (crystals) Agnos	Mallinckroat AR	loz.
(48) Sodium Borohydride (98%) NaBH4	'Baker Analyzed'	100g.
(49) Sodium Borohydride (98%) NaBH4	Baker Analyzed'	1009.
60) Potassium Permanganate GR (crystals) KMnou	EM	52061.
still in facking 51) Sodium Borohydride (98%) box. NaBH4	'Baker Analyzed'	100g
read bottle 52.) 5% KMn 04	(Amber Bottle)	1 Liter
9. 5% KaS20 & Potassium Persulfate	(plastic bottle)	~125mL
54.) 5% Kmnoy	(Amber Bottle)	500mL

3	Chemical	Manuf. Name	SZC
	55.) Ammonium 1- Pyrrolidine Carbodithicate	(plastic bottle)	~25-50ml.
	Hydroxylamine Hydrochloride, crys	'Baker Analyzed'	500g.
AND COMPANY OF THE CO	57) Potassium Chloride (crystal)	'Baker Analyzed'	116.
	58) Sodium Chloride (crystal) NaCl	Mallinckrodt AR	2.5 Kg.
	59) Sodium Chloride + Hydroxylamine Hydrochloride (12% each)	(plastic bottle)	225-50m
	(6) Potassium Persulfate KaSaOz	'Baker Analyzed'	50g.
	(i) Sodium Hydroxide GiR (pellets) NaoH	EM	570 G.
	(a) Hydroxylamine Hydrochloride 12% solution	(Plastic Bottle)	~25-50ML
	(3) Stannous Chloride 10 9/100ml + 1.4 mi Hosoy/100ml	(plastic Bottle)	^25-50ml
7	(H) stannais Chloride GR (Crystals) Sn Cl2 · 2H2O	EM	1259

	Chemical	Manuf. Name	aze
_ · · · ((5) Mercuric Nitrate Monohydro Cgranular) Hg (NO3)2 HaO	ate Mallinckrodt	125GM
	Hydroquinone solution	(Amber bottle)	~25-50mL
	Collo NHNH CON: NCOH5 · COH5 NHNH	Mallinckrodt CONHNHC HS	IOGM
• • • •	(18) Bromophenol Blue, A.C.S.	Aldrich chem. co.	59.
	69 Potassium Permanganate Stoc 223mg Potassium Permanganate		250mL
	(for chloride testing)	(glass flask)	500mL
	(7) HN03 Soln. (3+997)	(amber bottle)	LL.
	# Hg (NO3)2	(amber bottle)	14.
	3. Mercuric Nitrate Titrant . 025 N	(amber bottle)	14.
•	0.138N	(amber bottle)	500mL
	75) mixed indicator reagent	(amber bottle)	500 mc

Chemical	manuf. Name	Size
Mercuric Nitrate titrant 0.261 N	(amber bottle)	16.
77) Hg (NO3)2 0.023H	(Amber bottle)	14.
(78) Alphazurine Indicator Solution	(Amber bottle)	50mL
(79) Hg (5CN)2 in methyl alcohol (for CI det.)	Summer Chem. Co.	250mL
80. Alphazurine Blue-Green Dye	(Amber bottle)	125mL
(BI.) Alphazurine Patent Blue	Spectrum Chem.	25GM

Attachment D Site Specific Health & Safety and Spill Contingency Plan

Entech Analytical Labs, Inc. (Former Trace Analysis Laboratory, Inc.)

Site Specific Health & Safety Plan and Spill Contingency Plan

3423 Investment Blvd. Suite 8 Hayward, California



HEALTH, SAFETY, EMERGENCY RESPONSE, AND AND EVACUATION PLAN TRAINING

I. Safe Handling of Hazardous Materials

- o Use safety goggles when working with chemicals in open containers.
- Work with solvents, acids, and other hazardous materials in fume hoods.
- o Wear gloves when working with hazardous materials.
- o Store all chemicals away from heat and flame.
- o Return chemicals to their proper storage place. Flammables go into the flammable storage chest.
- o Keep aisles and counters clear.
- Reinstall protective caps on gas cylinders as quickly as possible.
- o Report injuries to a supervisor. In any case, do not delay treatment.
- o Labeling of chemicals. Location of MSDS.

II. Contacting Local Emergency Response Organizations

o Call the Fire Department at 732-2626 or 911

Tell them to come to: Trace Analysis Laboratory

3423 Investment Boulevard

Unit 8 Hayward

Phone: 783-6960

This is between Eden Landing Road and Production Avenue. We have a front and two back doors.

o Call the State Office of Emergency Services at 1-800-852-7550.

III. Use of Emergency Response Equipment and Supplies

- o Circuit breaker: Switch off to reduce an electrical fire.
- o Fire extinguisher: Pull pin, pull trigger, and spray fire.
- o Adsorbent: Open bag and pour on spill, then sweep adsorbent.
- o Eye Wash: Position head and squeeze bottle.



III. Use of Emergency Response Equipment and Supplies, continued

o Boots: Use to prevent contact with a spill.

o Respirator: Use to prevent inhalation of fumes.

o Doors: Open for ventilation, or to escape fumes.

IV. Emergency Response and Evacuation Plan

- o Attached
- o Posted in laboratory by emergency response equipment and on doors to glassware cabinets.

HEALTH, SAFETY, EMERGENCY RESPONSE, AND EVACUATION PLAN

FIRE

- Notify any supervisory personnel.
- 2. All lab employees are to use fire extinguishers to fight the fire.
- When fire extinguishers are exhausted or the fire threatens your safety, move away or leave the building. See Evacuation Map on Page 6. Go to the picnic tables next to the rear parking lot.
- 4. The notified supervisor should inspect the fire and call the fire department as needed:

732-2626 or 911

Tell them to come to: Trace Analysis Laboratory

3423 Investment Boulevard

Unit Number 8

Hayward

Phone: 783-6960

This is between Eden Landing Road and Production Avenue. We have a front and two back doors.

- 5. The supervisor should direct one person to the Investment Boulevard fire hydrant and one to the rear parking lot to direct the fire department.
- 6. If the fire gets bad, get out of the building. Alert our neighbors upstairs and beside us. See Evacuation Map on Page 6.
 Go to the picnic tables next to the rear parking lot.
- 7. For minor medical treatment during the daytime:

Medical Express 22429 Hesperian Boulevard (north of Winton) Hayward 782-7111

8. For major medical treatment or treatment after hours:

Saint Rose Hospital 27200 Calaroga Avenue (at Tennyson) Hayward 783-1123 or 911

Take Hesperian south to east on Tennyson.

9. The building may be re-entered when the fire department (if called) and the supervisor indicate it is safe to do so.



HEALTH, SAFETY, EMERGENCY RESPONSE, AND EVACUATION PLAN

SPILL

- 1. Notify any supervisory personnel.
- 2. The supervisor and one employee are to contain the spill. All others are to leave the building and open the doors, if fumes are present. Alert the neighbors as needed. See Evacuation Map on Page 6. Go to picnic tables next to rear parking lot.
- 3. If flammable material, turn off AA flame and FID flames.
- 4. Don boots as needed, a must for acid spills.
- 5. Pour absorbent (Hazorb) on spill and sweep-up. Go outside for fresh air as needed--wear respirator as needed.
- 6. Return to lab only when fumes have dissipated <u>and</u> supervisor indicates it is safe to do so.
- 7. For spills of 5 gallons or more, call the fire department as needed.

732-2626 or 911

Tell them to come to: Trac

Trace Analysis Laboratory 3423 Investment Boulevard

Unit Number 8

Hayward 783-6960

This is between Eden Landing Road and Production Avenue. We have a front and two back doors.

8. For minor medical treatment during the daytime:

Medical Express 22429 Hesperian Boulevard (north of Winton) Hayward 782-7111

9. For major medical treatment or treatment after hours:

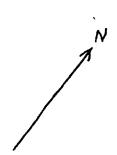
Saint Rose Hospital 27200 Calaroga Avenue (at Tennyson) Hayward 783-1123 or 911

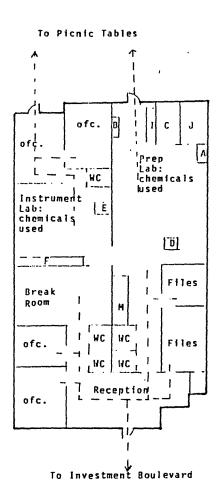
Take Hesperian south to east on Tennyson.

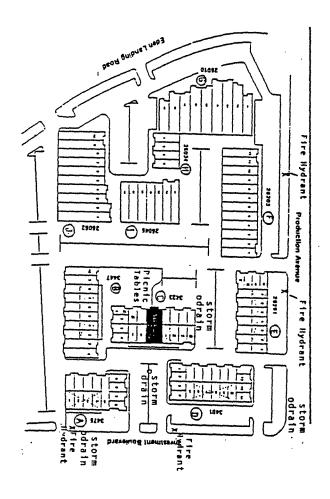
10. The building may be re-entered when the fire department (if called) and the supervisor indicate it is safe to do so.



EMERGENCY RESPONSE AND EVACUATION PLAN EVACUATION MAP









Street Address:

HAYWARD FIRE DEPARTMENT HAZARDOUS MATERIALS OFFICE

777 B Street, Hayward, CA 94541-5007 Telephone: (510) 583-4910 • Fax: (510) 583-3641

INSPECTION REPORT

Investment Blud., Unit 8

Facility Representative: Vivian Chen, Facilities Manager Tel. No.: 510-265-1027, Ext. 102
This inspection is to confirm that the facility closure plan was carried out. A Facility Closure Notification Form was submitted on 12/04/08 and approved. A walk-through was completed, and all equipment & hazardous materials have been removed. Floors have been cleaned with bleach. All labeling and signage has been removed as well. Photos of the facility were taken during this inspection. Fume hoods have been removed and relocated to the new facility at 3159 Corporate Place.
* Requirements i) Within 30 days of this report submit a final closure report to this office, confirming that all elements of the closure report were completed, or that appropriate changes to the closure plan were performed. Include manifests, Bills of Lading, etc.
'ailure to comply with the requirements established in this field inspection report or in subsequent prespondence may result in the issuance of a Notice of Noncompliance as provided in Sections 3-8.55 of the ayward Municipal Code. Noncompliance is punishable by criminal and/or civil penalties under Sections 3-64 and 3-8.65 of the Hayward Municipal Code, or other applicable Federal and State laws or regulations.
Date of Inspection Hazardous Materials Investigator Signature of Facility Representative
spections or permits shall not be construed as authority to violate any applicable codes, laws, or regulations."

Page _

Miles Perez

Recurrence:

Subject: Closure walk-through of old Biotium. 3423 Investment Blvd. #8.

Tue 7/7/2009 9:00 AM Tue 7/7/2009 10:00 AM Start: End:

(none)

Scheduled Activity or Inspection Categories:

Biotium, Inc. 3423 INVESTMENT BLVD. (SUITE 8)

List of common chemicals used in the fume hood

Substance	Quantity Total/Year
Chloroform	4-16L
Methanol	4-16L
Ethyl acetate	4-16L
Ether	4-16-L
Hexane	4-16L
Dimethyl formamide	4-8L
Isopropyl alcohol	4-8L
Acetic acid	1-2L
Sulfuric acid	2-4L
Nitric acid	1-2L
Hydrochloric acid	1-4L
Tetrahydrofuran	1-4L
Acetonitrile	4-16L
Acetone	1-4L
Ethanol	1-4L
Trifluoro acetic acid	1L
Methylene chloride	4-16L
Hydrobromic acid	1-4L

Name and Address of Landlord

Lisa Masicotte RREEF Property Management 3555 Arden Rd. Hayward, CA 94545 Tel: 510-783-1513 Contact

Contractor Brian (53=) 21=-6907 279_02 BIOTIUM, INC 265-1027 3423 INVESTMENT BLVD, STE. 8 HAYWARD 8280_01 BIOTIUM, INC 265-1027 3159 CORPORATE PL HAYWARD



January 30, 2009

Vivien Chen, Facilities Manager Biotium, Inc. 3423 Investment Blvd., Suite 8 Hayward, CA 94545

Re: Facility Closure Notification Form and Closure Plan

Dear Ms. Chen:

This is to inform you that I have received and reviewed the above-listed documents for the Biotium facility at 3423 Investment Blvd., Suite 8. The closure is taking place due to the relocation of the business to 3154 Corporate Place in Hayward, CA.

The Notification and Closure Plan are approved for the porposed closure. Please contact this office at least 48 hours in advance to schedule a final walk-through inspection of the facility for closure purposes. Please note that once the final walk-through inspection has been completed, a Closure Report, including supporting documentation, such as manifests, receipts, etc., is required to be submitted within 30 days of that final inspection.

Should you have any questions, please don't hesitate to contact me at 510-583-4926.

Sincerely,

Miles J. Perez, M.S.

Hazardous Materials Investigator

Hayward Fire Department

Miles J. Kenny

MJP/mjp

Miles Perez

From:

Vivien Chen [vchen@biotium.com]

Sent:

Thursday, December 04, 2008 2:59 PM

To:

Miles Perez

Subject:

Ficility closure report for Biotium, Inc.

Attachments:

Lab Layout ppt; Biotium Facility Closure Plan.doc

Hi, Miles,

Attached is our Facility closure report and current facility floor plan. I submitted both Facility Closure Notification Form and Chemical Inventory Worksheet on Sept. 28, 2008. You indicated in our last phone conversation that you did not received the original submitted form and worksheet. Since Facility Closure Notification Form and Chemical Inventory Worksheet were done on paper form, I am going to fax the copies I have.

We plan to disconnect all five chemical hoods on December 20. We plan to use the next two weeks to sort out chemicals, clean up the hoods and surrounding areas and schedule pickups, etc. We have to be out of the current facility by Dec-31. Would you please go over our closure plan and schedule a closure workthrough as soon as possible?

Thank you for your help. Please feel free to contact me if you have any questions on the plan.

Best regards,

Vivien Chen Operations Manager Biotium, Inc. 3423 Investment Blvd. Suite 8 Hayward, CA 94545 Tel: 510-265-1027, ext.102

Fax: 510-265-1352

email: vchen@biotium.com

Biotium Facility Closure Plan

Biotium, Inc is currently located on 3423 Investment Blvd. Suite 8, Hayward, CA 94545 We have a small chemistry lab and biology lab which we use to develop fluorescent organic compounds for research. We are going to relocate to a new place by December 31, 2008, therefore we need to close the current facility with the fire department. Below are the plan and steps we are going to take to close the current facility properly:

- 1. We have completed and submitted a closure notification form. A copy of the form is attached for your information.
- 2. Maps of the general site and facility at the current location are also attached.
- Argon gas, one compressed Hydrogen gas and one compressed CO2 gas, and a list of commonly used organic solvents (see attached list) in the facility. Liquid nitrogen is used to freeze cells. Compress gases and organic solvents are used for synthesis of organic compounds. The flammable organic solvents are kept in the three flammable cabinets. We generate liquid flammable waste from the use of organic solvents and solid non-flammable waste during organic synthesis and compound purification. The liquid flammable waste (5gal per bottle for a total onsite storage capacity of 30gal) is stored in one flammable cabinet while the non-flammable solid waste is stored onsite in a 55gal drum provided by our hazardous material waste pickup company. North State Environmental is a California registered waste transporter (#2069). North State Environmental picks up the flammable liquid waste every 2 weeks on average and non-flammable solid waste as needed. Following is a detailed diagram for the location of various chemicals used at the current location. They are also marked on the facility map attached.

Chemical Name	Storage	Location
Common organic solvents	Flammable cabinet #2, #3	Chemistry lab #1
	Acid cabinet	Chemistry lab #2
Liquid flammable waste	Flammable cabinet #1	Chemistry lab #1
Compressed nitrogen	Compressed tank	Chemistry lab #1 & #2
Compressed argon	Compressed tank	Chemistry lab #2
Compressed hydrogen	Compressed tank	Chemistry lab #2
Dry ice	Bin	Chemistry lab #2
Non-flammable solid waste	55-gal drum	Chemistry lab #2
Compressed CO2	Compressed tank	Biology Lab
Liquid Nitrogen	40L cryogenic tank	Biology Lab

Those common organic solvents we use for organic synthesis are kept in two flammable cabinets (#2 and #3) located in Chemistry Lab #1 and acid cabinet located in Chemistry Lab #2. The hazardous waste is kept inside flammable cabinet #1. Two compressed gases, compressed nitrogen and argon are located in Chemistry Lab #1. Inside Chemistry Lab #2 we store dry ice (solid carbon dioxide) inside a specialized and clearly marked container. Near the dry ice we have one 55-gallon drum of solid waste (silica gels). Inside Chemistry Lab #2 near the door that leads into our Biology Lab, is a compressed nitrogen gas. Between the two lab benches in Chemistry Lab #2, is flammable compressed Hydrogen gas. The Biology Lab stores a small container (40L) of liquid Nitrogen near the door that leads into Chemistry lab #2. A tank of compressed CO2 is next to an incubator.

4. Not applicable

5. All regulated hazardous waste will be removed from our site by a registered California waste transporter (#2069), North State Environmental. They will remove all of the liquid flammable waste from the flammable cabinet #1 located near the Chemistry Lab #1 exit door. They will also pick up the 55-gallon drum of non-flammable solid waste. We will schedule our last pickup on December 29,

2008 and ensure all waste materials are removed from the facility. All organic solvents and other potentially hazardous materials remaining for use will be properly boxed in their original packaging and transported to the new facility at 3159 Corporate Place in Hayward, CA 94545 by a hired professional. Airgas will properly transport all compressed gases, liquid nitrogen, and dry ice to our new facility on December 29, 2008. Five chemical fume hoods and their surrounding areas will be cleaned and decontaminated before moving the hoods to the new facility by a licensed lab installation contractor.

6. Not applicable

- 7. Both the liquid flammable waste and solid non-flammable waste will be picked up by North State Environmental, a California registered waste transporter (#2069), which then delivers to Pacific Resource Recovery, a licensed treatment, storage, and disposal facility.
- 8. All receipts for hazardous waste disposal, and/or hazardous materials sales will be kept and made available for inspection and will be included in our final closure report.
- 9. In the event of an emergency, we have a response plan. The facility is small enough that yelling and walking around could effectively alert all employees of an emergency. In the event of a large spill or fire all employees can evacuate from any of the four exits that are clearly marked. All employees can evacuate into the parking lot in front of or behind the building. The primary roster monitor is operations manager, Vivien Chen and the backup is Safety Officer, Ching-Ying Cheung. In case of any emergency employees are instructed to dial 911. Any small fire can be extinguished with one of the fire extinguishers located in each lab by trained personnel.

10. All finished chemical inventory currently stored in the freezers and refrigerators are not classified as hazardous materials. They will be emptied, boxed up and transported by chemists. All organic solvents and other potentially hazardous materials remaining for use will be properly boxed in their original packaging and transported to the new facility at 3159 Corporate Place in Hayward, CA 94545 by a hired professional. Airgas will properly transport all compressed gases, liquid nitrogen, and dry ice to our new facility. All five chemical fume hoods are scheduled to be disconnected and removed to the new facility on December 20, 2008. The areas including walls, ground surfaces and floors where the fumes are located will be cleaned after removal to ensure there is no potential contamination. After the removal of the three flammable cabinets the area will also be cleaned to ensure no potential contamination.

Biotium Facility Floor Plan

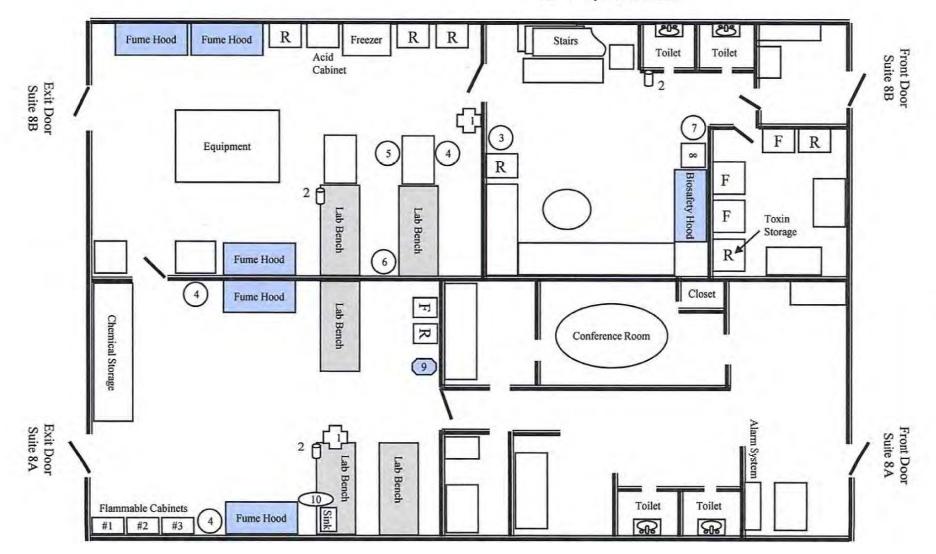
3423 Investment Blvd., Suite 8 Hayward, CA 94545

MAP NOTATIONS

R = refrigerator F = freezer

Desk/Table/Equipment

- 1. First Aid
- 2. Fire Extinguisher
- Liquid Nitrogen Container
 Compressed Nitrogen Gas Cylinder
- Compressed Argon Gas Cylinder
- 6. Compressed Hydrogen Gas Cylinder
- Compressed Carbon Dioxide Cylinder
- 8. Incubator
- 9. Spill Response Kit
- 10. Eye Wash Station



3423 Investment Blvd., Suite 8
Hayward, CA 94545
Tel: 510-265-1027
Fax: 510-265-1352
http://www.biotium.com
Email: btintocobiotium.com

Biotium, Inc.

Fax

To: Mr	les lerez	Prom:	Vivien Chen	
Fax: \$76	0-583-3	641 Pages:	(including cov	er page)
Phone:		Date:	12/04/08	
Re:		CC:		
□ Urgent	☐ For Review	□ Please Comment	□ Pisaze Reply	☐ Please Recycle
• Comments:				
17	acility Clo	sure Notific	iction Form	n and
bemizali	aventory h	jorksheet, b	1 a List	n and of common
E) ra	gamic Sol	vents used	i'm the h	ood



FACILITY CLOSURE NOTIFICATION FORM

Facility Name: Brotium, Inc.	EPA ID No. CALOOO 259576
Facility Address: 3423 Investment B	Ivd. Suite 8, Hayward, CA 9454
	Suite 8, Hayward, CA94545
Business Phone: (50) 265-1027 Co	ontact Person/Title Villien Chen, Operations
No hazardous or potentially hazardous items are to Notification Form AND/OR a Closure Plan has bee	
Check all boxes relating to the facility to be closed:	
Hazardous waste generator Waste treatment system Discharges industrial waste to sanitary sewer Hadioactive material Madioactive	() Underground tanks () Aboveground tanks () Wet floor operation () Tier II reporting required () Biohazards () CFC or HCFC () Plating shop () Semiconductor fab () Dispensing of flammables () CRC on surfaces () Barrel/drum storage () Trenches/gas cabinets () Chemical storage cabinets () Degreaser unit
A closure plan approved by the Hayward Fire Departm facility or for any storage area that is to be closed. Fee no less than 30 days prior to the intended date of clos	ility Closure Plans and Notification are to be submitted
This Notification must be signed by the Facility Man or other responsible party (not the consultant or con	pager, an Officer of the Company, property owner,
CLOSURE NOTIFICATION is true and con Department has full right-of-entry to my enti	at the information contained in this FACILITY orrect. I recognize that the Hayward Fire left facility for the purpose of investigation and this application, an approved closure plan, or s.
Authorized Signature/Date:	Sept. 29, 2008
Printed Name/Title: William Ch	en, faithty Wanger
	· · · · · · · · · · · · · · · · · · ·

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Utrégen .	Gas	7 fr3	owie de la company de la co	9 00 ft ³		9 00ft ³	
Irach	Gas	5,5 ft 3		00 ft 3		2009	V
whon Piexide	Gas	5.5 ft 3	20	ooft3	<u>.</u>	260 ft	V
							-
		·					
		 					
i		1		1 1			1 1

Project Address: 3157 Corporate Place Control	rea: 3159 (crpcrate Pl. Hazard Category:	Cupressed Gas (Hammo
---	--	----------------------

(Refer to the information references provided with this form. Make copies of a blank form. You need one for each Hazard Category of chemicals you have on site.)

Hy dregen	Gas	5.5ft3	3411000031411	zecft ³		auft3	V
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		- Annancement of					
				20043		.766.Gf 3	

Project Address: 3159 Corporate Place Control Area: 3159 Corporate Pl. Hazard Category: Combinstible Liquid (Class 1-B)

(Refer to the information of references provided with this form. Make copies of a blank form. You need one for each Hazard Category of change of the control of the contro

	Gueffiical!	Parit of the Control		Marking Con-			
Chemical Name (Linot known, physical)		F 50/6					
Complet Name of The Completion	Liquid or Gas)			- 10ad C Bood Stoked Open C Booked Stoked			
Acetonitrile	Liquid	46	4 ga 1	Igal		58a1	
Acetone	Child	46	1gal	Igal		58al	V
Benzene	Liquid	4L	4gal	1gal		58a1	1
Fthanol	Liquid	44	4 ga	1 gal		5gal	V
Ethyl acetate	Lignid	41	1 90	ga		59a	V
Hexane	Liquid	46	4 ga	1 gal		5 gal	
Isopropyl alcohol	Liquid	41	1 gal	1 gail	·	5 gal	✓ /
Methapol	Ligaid	4	4 gal	189		5 ga	V
Pyridine	Ligaid	4	Agal	1 gal		5 gal	
Tetrahydrofuran	Liquid	41	4ga	1 gal	·	5991	V
Toluene	Liquid	46	Agal	1 gal 5 gal		5301	V
Hazardous hoste	Liquid	5gal	25°ga	5gal		30gal	V
				\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \			
TOTAL POURDS in calons			69ga	168a1		85ga1	
TOTAL GASES in cubic feet							

Project Address: 3159 Corporate Place

Control Area: 3159 Corporate pl. Hazard Category: Water Teachive Materials

(Refer to the information references provided with this form. Make copies of a blank form. You need one for each Hazard Category of chemicals you have on site.)

Service and the service and th											
	Cheme					Ones.	de data Usel Chen-				
Lithiam Aluminium Hydride	Salid	259			a 0516		1106	2	0.051b	V	
Lithium Aluminium Hydride n-butyllithium (2.5 Min Hexan	e) Liquid	100mL			0,e25gal			•	2025gal	V	
'	ļ				<u> </u>						
		· .	,							· -	
				·							
Trackt Liguids argains					0,0516				0.05 lb 0.075 gal		\$ \$0#}
TOTAL GASES in quic feet					0,075 gal				u.v.s gal		

Project Address: 3159 Corporate place	Control Area: 3159 Corporate pl. Hazard Category:	Highly toxic and
---------------------------------------	---	------------------

(Refer to the information) references provided with this form. Make copies of a blank form. You need one for each Hazard Category of chemicals you have on site.)

Spinion Windows (Malestone)						A Combination			
hydrazine	liquid	509		0.116	7		0.116		
	V								
			·		·				
				·		•			
		<u>.</u>						·	
<u> </u>			·						
				0,116			0.116		
TOTAL GASES in quitie feet									

CHEMICAL INVENTORY SUMMARY BY CONTROL AREA

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Project Address:	$\mathcal{L}_{\mathcal{L}}$	シブ	1, 60	175 Tali	12.00
•					

Control Area: 3159 Corporate place

List Hazard Category from each Chemical Inventory Worksheet and summarize the quantities by manner of use or storage, in this Control Area.

HAZARD CARECORY	80LIBS			il te il idis Pariopa		ÇAS	
			- Salvaji:	Tay on a	Upper lexical		
Compressed Gases (Inert)							1,300 ft3
Compressed Gas (Glammable)							200 [43
Governable Light of Combustible liqui			69 gal		16901		
Water restive Materials		0.0516			0.02590		
Compressed Gases (Inert) Compressed Gas (Jammable) Garumable Light of Combustible light Water resoft "Ve Materials Highly toxic of toxic praterials					0.116		
		· · · · · · · · · · · · · · · · · · ·					
		~ · · · · · · · · · · · · · · · · · · ·					

Chemical Inventory Summary for the Entire Facility

Project Address: 3139 Corporate Place

Hazard	Hazard		Solids (pounds)			Liquids (gallons)		R	asės @NTP)
Category	Class	Stored	Used Open	Used Closed	Stored	Used Open	Used Closed	Stored	Used Closed
Explosives,	High Expl								
Blasting Agents, and	Low Expl								
Detonators	Blasting Agents								
Compressed	Flammable			•					200ft
Gases	Oxidizing								
	Corrosive								
	Highly Tox								
	Toxic								
	Inert								1,300ft
	Ругорһогіс								7
	Unstable (Reactive)						,		
Flammable	Class I-A								
Liquids	Class I-B				69 gal		16 gal	**************************************	
	Class I-C						0		
Combustible	Class II								
Liquids	Class III-A				·	,	,		
	Class III-B								
Flammable	Огдапіс								V 20 0 1 2 10 00 1000 P 1000
Solids	Inorganic								
	Metals							**************************************	
	Dusts & Powders							**************************************	
Oxidizers	Class 4							^^	
	Class 3		-						
	Class 2								
	Class 1								

(Continued Next Page)

Chemical Inventory Summary for the Entire Facility - Page 2

Project Address:

Hazard	Hazard	Solids (pounds)			Liqui (galloi	Gases (cu. ft. @ NTP)		
Category	Class	Stored	Used Open	Used Closed		Stored	Used Open	Used Closed
Organic	Unclassified							
Peroxides	Class I							
	Class II							
	Class III							
	Class IV							
	Class V							
Pyrophoric N	faterials							
Unstable	Class 4	100 A	W. Apparent					
(Reactive) Materials	Class 3							
Materials	Class 2							
	Class i							
Water-	Class 3			0,0516		0.025921		
Reactive Materials	Class 2							
iviaterials	Class 1	***						
Cryogenic	Flammable							
Fluids	Oxidizing							
	Corrosive							
	Inert	•						
	Highly Tox							
Ilighly Toxic and	Highly Toxic					0.116		
Toxic Materials	Toxic							
Radioactive	Rad-source							See and a see a
Materials	Fissile			,				
Corrosives						Arman man		
Carcinogens								
Other Health	hazards					A CONTRACTOR OF THE CONTRACTOR		
Irritants		an an annua an annua						
Sensitizers								•
CalARP- or E	HS-Listed							

Biotium,Inc.

Glowing Products for Science TM

List of common chemicals used in the fume hood

Substance	Quantity Total/Year
Chloroform	4-16L
Methanol	4-16L
Ethyl acetate	4-16L
Ether	4-16-L
Hexane	4-16L
Dimethyl formamide	4-8L
Isopropyl alcohol	4-8L
Acetic acid	1-2L
Sulfuric acid	2-4L
Nitric acid	1-2L
Hydrochloric acid	1-4L
Tetrahydrofuran	1-4L
Acetonitrile	4-16L
Acetone	1-4L
Ethanol	1-4L
Trifluoro acetic acid	1L
Methylene chloride	4-16L
Hydrobromic acid	1-4L

Name and Address of Landlord

Lisa Masicotte RREEF Property Management 3555 Arden Rd. Hayward, CA 94545 Tel: 510-783-1513

HAYWARD FIRE DEPARTM. VT

A Certified Unified Program Agency

777 B Street, Hayward, CA 94541-5007 TEL (510) 583-4910 P FAX (510) 583-3641 DD (510) 247-3340

INSPECTION REPORT SUMMARY Full CUPA INSD Street Address: Investment Name of Facility: Telephone: Contact Person: \ 570-265-1007 Type of Business: UNIFIED PROGRAM SUMMARY Program Inspection COMMENTS Hazardous Materials Storage Permit X Hazardous Materials Business Plan Risk Management Plan / CalARP Underground Storage Tank Aboveground Petroleum Storage Tank Does the facility have an SPCC Plan? Hazardous Waste Generator CESOG Tiered Permit: Permit-by-Rule Conditionally Authorized Conditionally Exempt, Specified Waste Stream Conditionally Exempt, Small Quantity Treatment Conditionally Exempt, Limited Conditionally Exempt, Commercial Laundry INSPECTION CHECKLISTS COMPLETED AND ATTACHED **HMBP** Inspection Checklist Hazardous Waste Generator Inspection Checklist Tiered Permit Inspection Checklist Uniform Fire Code Checklist for General Provisions and Articles 79 & 80 Underground Storage Tank Checklist(s) Z Inspection Notes Other: Cognivements Was permission granted by a facility representative for this inspection? YES NO Complete required corrective actions immediately. Submit written Corrective Action Plan on or before Re-inspection of the facility to verify compliance with all requirements may be conducted on or after D6 Failure to comply with requirements established in this inspection report or in subsequent correspondence may result in the issuance of a Notice of Noncompliance. Noncompliance is punishable by criminal and/or civil penalties under applicable local, state and/or federal laws or regulations.

Signature of Facility Representative



Date of Inspection

HAYWARD FIRE DEPARTMENT HAZARDOUS MATERIALS OFFICE

777 B Street, Hayward, CA 94541-5007 Telephone: (510) 583-4910 • Fax: (510) 583-3641

INSPECTION REPORT

2122 Turachant

Name of Facility: Biotum	BIVE, JOSE O
Facility Representative: Vivien Chen	Tel. No.:
- 5 1	
* Requirements	
V	
1) Secure all required perm	its before beginning nostallation
- a the proposed two tu	me hoods.
2) Mount portable fire exten	suishers at least & inches
The evaluations should	be at least rated 2A10B:C,
and they shall be provided	
labels.	
3) The 30-gallon container used	In the lab wastes exceeds
The open-use limit for tha	mmable I-B liquids (lab wastes)
in this building Reduce con	rtainer size to no more than
4) Due to the granity of h	arondous material in this
facility, it shall be made	red from Range 1A to
Range 2A for permitting	- purposes.
5) Complete the Notice to Cor	uply" provided by 06/09/02
and return the completed	original to this office.
No Suche Veguiveme	he actisize wall of the building.
No Juste veguveni	MB (a) This Time.
Failure to comply with the requirements established correspondence may result in the issuance of a Notice of	in this field inspection report or in subsequent Noncompliance as provided in Sections 3-8.55 of the

"Inspections or permits shall not be construed as authority to violate any applicable codes, laws, or regulations."

Hazardous Materials Investigator

Hayward Municipal Code. Noncompliance is punishable by criminal and/or civil penalties under Sections 3-8.64 and 3-8.65 of the Hayward Municipal Code, or other applicable Federal and State laws or regulations.

Page 4 of 3

Signature of Facility Representative

OF HAVWA

HAYWARD FIRE DEPARTMENT

A Certified Unified Program Agency

3423 Investment Blid Suite 8

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HAYWARD FIRE DEPARTMENT HAZARDOUS MATERIALS OFFICE

777 B Street, Hayward, CA 94541-5007 Telephone: (510) 583-4910 • Fax: (510) 583-3641

INSPECTION REPORT

Street Address: 3423 Investment BIVA, Suite 8
Name of Facility: Biotium, Inc.
Facility Representative: Vivien Chen, General Manager Tel. No.: 510-265-1027
* Requirements: D Facility shall be put into the Range 2A since flammable liquids exceed 55 gallons
year. This taility shall be included in the waste generator program as a Conditionally Exempt small Chambity benerator (CESEC)
3) Reduce the Maza flammable liquid open use to containers. of 15-gallon capaity or less. Total Hammable liquid (I-B) Storage limited to 120 gallons
Maintain written training records to employee Itazardous Materials [waste Sakety Training: within 5) Have fire extinguishers reviewed reach 12 months and
(a) Complete the above-listed regulariments by 05-22-04.
Biotium, Inc.
Glowing Products For Science Vivien Chen, M.B.A. Director of Marketing and Sales
3423 Investment Boulevard, Suite 8
Hayward, California 94545 U.S.A.
Failure to comply with the requirements established in this Phone: 510-265-1027 Fax: 510-265-1352
correspondence may result in the issuance of a Notice of Noncomp
Hayward Municipal Code. Noncompliance is punishable by crim
8.64 and 3-8.65 of the Hayward Municipal Code, or other applicable Federal and State lows or regulations.
04-22-04 (Miles t). te
Date of Inspection Hazardous Materials Investigator Signature of Facility Representative

"Inspections or permits shall not be construed as authority to violate any applicable codes, laws, or regulations."

Page _____ of _____3_



HAYWARD FIRE DEPARTMENT HAZARDOUS MATERIALS OFFICE

777 B Street, Hayward, CA 94541-5007 Telephone: (510) 583-4910 • Fax: (510) 583-3641

INSPECTION REPORT

ABAG

INSTECTION REPORT
Street Address: 3423 Investment Blvd, Suite 8
Name of Facility: Biotium, Inc.
Facility Representative: Vivien Chen, General Manager Tel. No.: 510-265-1027
HMBP - YOZ/CO4 On-site Rep: Ms. Xing Xin Range IA
· · · · · · · · · · · · · · · · · · ·
Analytical lab work. Flowescent Dye manufactures
3 X FL Cabinets & Waster.
Hazardous waste generated (> 1 drum/year.
T Find 12/2/17 T Cab. 1- 8 × 21-50 bottos Have ada 14.
MeMaral chlorofor, NHy OH, Acotorik
X S-gallon dvus
1 × 20-0 0 due 1/2 1/2 A
Cab. 2 : ~ 70 × 1-gal bothles FL, including methody hoxard
VINING CINION de
Cab. 3. Some empty bottles & solid lab choms in smell qui
2 X Small FL (abinets (smell FL chus)
1 x con cabinet Acetic Acid, hydrophic aid, withous lines aid
1 x con cabinet Acetic Acid, hydro bonic acid, methansulforic acid & other chems in small continue < 1 gallon fea.
23 x Ar compressed gases in costs on strapped.
Ix He is Extinguisher shall be at least DA10-BC.
- THIS WE THE GUT TENSO WITH SE
used for analytical studies only.
motive 1 x FC cabinere.
Fire extinguish serviced 06-15-95
p (open use = 15 sal
Adjacent Sinte CESOC FLight & storage < 120 gal
North State tens: Manclest.
Failure to comply with the requirements established in this field inspection report or in subsequent
correspondence may result in the issuance of a Notice of Noncompliance as provided in Sections 3-8.55 of the
Hayward Municipal Code. Noncompliance is punishable by criminal and/or civil penalties under Sections 3-8.64 and 3-8.65 of the Hayward Municipal Code, on other applicable Federal and State laws or regulations.
04-22-04 Miller After St
Date of Inspection Hazardous Materials Investigator Signature of Facility Representative

"Inspections or permits shall not be construed as authority to violate any applicable codes, laws, or regulations."



Fire Code Inspection Checklist

Facili	ity Name: Biotium, Inc					Date: 04-22-04
Facility Name: Blotium, Inc Date: 04-22-04 Facility Address: 3423 Investment Blvd, Suite 8 Inspector: M. Rerez						
	REQUIREMENTS	UFC SECTION	YES	NO	N/A	COMMENTS
1. GF	ENERAL UFC					
a.	Premises ID visible	901.4.4	X			
ь.	FD access clear	902.3	V			
c.	Fire extinguisher inspection tags current	1001.5.1		V		
d.	Storage ≥18" off sprinkler heads; ≥ 24" off ceiling if non-sprinklered	1103.3.2.2	X			
e.	Exits clear / not obstructed	1203	X			
f.	Exit signs visible	1212				
g.	Extension cord used properly	8506				
h.	Electrical panel access ≥ 30"-wide clearance	8509				
i.	Oily rags in approved container with lid	1103.2.1.3				
j.	No electrical hazards observed	8504	X			
k.	Compressed gases properly restrained / secured	7401.6.4	X			
l.	All required FD permits obtained	105.8	X			V.
2. AF	RTICLE 79 & ARTICLE 80					
a.	All amounts within allowable limits	7902 / 7903 / 8001	1	X		Open Use FL I-B 7159
b.	Approved storage cabinets used	7902.5.9 / 8003.1.10	×	-		7
C.	Approved dispensing methods used	7903	X			
d.	Containers properly bonded/grounded	7903.2				
e.	Containers and tanks are labeled or placarded as required	7901.9 / 8001.7./8003.1.2	X			
f.	Outside storage meets distance restrictions	7902.3.3			X	
g.	Inside storage meets height/amount restrictions	7902.5.10	X			/
h.	"No Smoking" signs posted	7902.1.3.1				
i.	Facility NFPA 704 diamond posted	8001.7				
j.	Storage areas labeled and/or placarded	8001.7				
k.	Storage areas secured	8001.9.2				
1.	Records of unauthorized discharges maintained	8001.5.2.1				
m.	Emergency shut-off switch/valve labeled	8001.4.3.2				
n.	MSDSs available	8001.6				
o.	Containers in good condition	8001.4.2	X			
p.	Incompatible materials segregated/separated	8001.9.8 / 8003.1.17	X		1	
q.	Open shelving of adequate construction	8001.9.9	X			
r.	Spill/drainage controls provided	8003.1.7	X			
S.	Secondary containment provided	8003.1.7.4	,			
t.	Equipment/area adequately ventilated	8003.1.8.1	X			
u.	Equipment adequately secured	8004.1.10	X		1	

Comments:	· ·
M	
Signature:	Name/Title: Vivien Chen, Gen Mgr. Date: 04-22-04
	Page 3 of 3



HAYWARD FIRE DEPARTMENT HAZARDOUS MATERIALS OFFICE

777 B Street, Hayward, CA 94541-5007 Telephone: (510) 583-4910 • Fax: (510) 583-3641

INSPECTION REPORT

Street Address: 3423 Investment Blud. #8 Name of Facility: Biotium INC.
Facility Representative:Tel. No.:
France hace - recently instacted uppernits misc. Shelves Chemical storage contained on order.
Mar-mat Peamit Submittee
Oct this dime.
Failure to comply with the requirements established in this field inspection report or in subsequent correspondence may result in the issuance of a Notice of Noncompliance as provided in Sections 3-8.55 of the Hayward Municipal Code. Noncompliance is punishable by criminal and/or civil penalties under Sections 3-8.64 and 3-8.65 of the Hayward Municipal Code, or other applicable Federal and State laws or regulations. Columbia Columb

"Inspections or permits shall not be construed as authority to violate any applicable codes, laws, or regulations."

CIT OF HAYWARD FIRE DEPART ENT

BUSINESS LICENSE APPLICATION REVIEW

Attention Business License Applicant:

The Revenue Division has referred you to the Fire Department because you had checked certain sections 7-10 on the Business Tax Form Supplement. Please complete and sign Part I below. More information on your business will assist us in scheduling inspections necessary to satisfy local Fire, Planning, and Hazardous Materials codes and regulations. If the reviewer checks any box in Part II be your responsibility to obtain the necessary permits or to follow up on any inspections required.

This "over the counter" review does not provide any Fire Department approvals for your business nor do constitute a "Permit to Operate."

BUSINE AGCY HF Business	s Name I	STOLLING IN	Status C. L #8, HAYWAR	OPEN APN		Lot Tract
Phore (510) 269 Name	5-1027	Operati	D, CA ng Hours		
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HAYWARD RE DEPARTMENT HAZARDOUS MATERIALS OFFICE

25151 CLAWITER RD., HAYWARD, CA 94545-2731 Telephone: (510) 293-8695 • Fax: (510) 293-5017

INSPECTION REPORT

Street Address: 3423 TWOSTWONT Blood Study & Name of Facility: TRACE ENTECH ANALYTICAL CABS Facility Representative: Mike Golden Tel. No.: 408 735 - 1550 Type of Business/Facility: LAB.
Closure Inspection - Closure plan received 03/10/97 - Woosles warmfested & sent to Sharlington Europionmental, Inc. - Woosles warmfested & sent to Sharlington Europionmental, Inc. - Woosles warmfested & sent to Sharlington Europionmental, Inc. - Woosles warmfested & sent to Sharlington Europionmental, Inc. - Woosles warmfested & sent to Sharlington Europionmental, Inc. - Woosles warmfested & sent to Sharlington Europionmental, Inc. - Woosles warmfested & sent to Sharlington Europionmental, Inc. - Woosles warmfested & sent to Sharlington Europionmental, Inc. - Woosles warmfested & sent to Sharlington Europionmental, Inc. - Woosles warmfested & sent to Sharlington Europionmental, Inc. - Woosles warmfested & sent to Sharlington Europionmental, Inc. - Woosles warmfested & sent to Sharlington Europionmental, Inc. - Woosles warmfested & sent to Sharlington Europionmental, Inc. - Woosles warmfested & sent to Sharlington Europionmental, Inc. - Woosles warmfested & sent to Sharlington Europionmental, Inc. - Woosles warmfested & sent to Sharlington Europionmental, Inc. - Woosles warmfested & sent to Sharlington Europionmental, Inc. - Woosles warmfested & sent to Sharlington Europionmental, Inc. - Woosles warmfested & sent to Sharlington Europionmental, Inc. - Woosles warmfested & sent to Sharlington Europionmental, Inc. - Woosles warmfested & sent to Sharlington Europionmental, Inc. - Woosles warmfested & sent to Sharlington Europionmental, Inc. - Woosles warmfested & sent to Sharlington Europionmental, Inc. - Woosles warmfested & sent to Sharlington Europionmental, Inc. - Woosles warmfested & sent to Sharlington Europionmental - Woosles warmfested
FAILURE TO COMPLY WITH THE REQUIREMENTS ESTABLISHED IN THIS FIELD INSPECTION REPORT OR IN SUBSEQUENT CORRESPONDENCE MAY RESULT IN THE ISSUANCE OF A NOTICE OF NONCOMPLIANCE AS PROVIDED IN SECTION 3-8.55 OF THE HAYWARD MUNICIPAL CODE. NONCOMPLIANCE IS PUNISHABLE BY CRIMINAL AND/OR CIVIL PENALTIES UNDER SECTIONS 3-8.64 AND 3-8.65 OF THE HAYWARD MUNICIPAL CODE, OR OTHER APPLICABLE FEDERAL AND STATE LAWS AND REGULATIONS. OS 1497

HAYWARD FIRE DE ARTMENT HAZARDOUS MATERIALS OFFICE INSPECTION REPORT

Street Address: 3423 Fivestwent	BlvD. St= #8
Name of Facility: TRACE Analysis Contact Person: Scut Ferriman	Phone Number: 783-6960
AREA D: Compressed gases: N2, A	tr, Nitrons Oxige, Acetyleu
	A JP ok
- X N2	pewar
AneA J: 1255gal waste water (C	unnosia), Soir samples
ANEA A I FLAM Lia Cabiet	
AREA C: reagent strings: kis	draws in 20 trays AID
Anex A: EMp compressed gas stor	type restricts in place.
Anex EIF: GE/MS arent: all cylin	isens drained fourbes, lines + tomes FD.
REQ Vinenent	
	A STORAGE ARAS FOR VERGEN + (r) + 125 te (7)
per the guinelines Provid	sed. Contact me por A Re-isportin
- nothin the rext 30 DAYS	of storage Aras for reagent (c) + waste (3) Ded. Contact me FOR A Re-inspection (Dec 1,1993)

"THE SAFE USE AND STORAGE OF HAZARDOUS MATERIALS IS EVERYBODY'S BUSINESS"

Signature of Facility Representative

Hazardous Materials Investigator

Date of Inspection

HAYWARD FIRE D. PARTMENT HAZARDOUS MATERIALS OFFICE



INSPECTION REPORT

Page ____of_

Street Address: 3423 INVESTMENT BLVD

Name of Facility: TRACE ANALYSIS Contact Person: L. JEAN NAROJAN Phone Number: 783-6960

CUSTOMER SAMPLES DA

FAILURE TO COMPLY WITH THE REQUIREMENTS ESTABLISHED IN THIS FIELD INSPECTION REPORT OR IN SUBSEQUENT CORRESPONDENCE MAY RESULT IN THE ISSUANCE OF A NOTICE OF NONCOMPLIANCE AS PROVIDED IN SECTION 3-8.55 OF THE HAYWARD MUNICIPAL CODE. NONCOMPLIANCE IS PUNISHABLE BY CRIMINAL AND/OR CIVIL PENALTIES UNDER SECTIONS 3-8.64 AND 3-8.65 OF THE HAYWARD MUNICIPAL CODE, OR OTHER APPLICABLE FEDERAL AND STATE LAWS AND REGULATIONS.

1/30/91 Date of Inspection

Hazardous Materials Investigator

Signature of Facility Representative



HAYWARD FIRE DEPARTMENT

22300 FOOTHILL BLVD. HAYWARD, CA 94541 784-8690

Address 3423 Investment BIVD.	LS INSPECTION FORM Business	Acabasis
Owner/Manager L. JEAN NORDIAN		
Assistant Mgr.	Phone (Bus.)	
Bldg. Owner & Address		
Conditions Discussed with Li Jean Nanolan	Туре о	f Business Analytical
	ITY REVEALED THE FOLLOWING:	
Type of Operation: Anny A L TASTESTED		0
REQUIREMENTS:		A THE RESIDENCE AND A SECOND
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2). Improve General Honsekgep	my in ALL AMERIC	of the CAB
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_ or transfered and Ensure that		
- Containment unit are compet		T
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3) FURTHER REQUIREMENT MAY be	established of	ep review of
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Failure to comply with the above stipulations may result in the issuance of Code Article 8 - the Hazardous Materials Storage Ordinance.	an infraction citation for violation of th	e Hayward Municipal
15 alas TI.C.	vansvi 1.	Den Nom
Date Inspecting Office		Recieved by

HAZARDOUS MATERIALS BUSINESS PLAN / HAZARDOUS MATERIALS INVENTORY

If no change in your hazardous materials inventory has occurred since you submitted a complete Hazardous Materials Business Plan (HMBP), you may comply with the annual inventory reporting requirements of **State law** by completing, signing, and submitting this Certification Statement... ONLY IF ALL THE FOLLOWING APPLY:

- (1) You have previously filed a complete HMBP within the past three years;
- (2) You, as the business owner or its officially designated representative, can sign and attest to all the statements in this Certification Statement; AND
- (3) You are not using the certification statement to comply with the annual federal reporting requirements under the Emergency Planning and Community Right-to-know Act (EPCRA).

Regardless of whether a change has occurred or not, facilities subject to federal law, EPCRA, must annually submit the following documents: (a) Business Activities page; (b) Business Owner/Operator Identification page; and (c) Chemical Description page for each reportable federal Extremely Hazardous Substance (EHS). Note that a Chemical Description page for an EHS must contain an original signature.

I CERTIFY UNDER PENALTY OF LAW THAT:

I have personally examined and am familiar with the information referred to or submitted in this and all attached documents. Based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

I FURTHER CERTIFY THAT:

- The information contained in the Hazardous Materials Inventory Statement (HMIS) most recently submitted to the Hayward Fire Department as part of this facility's Hazardous Materials Business Plan (HMBP) is complete, accurate and up-to-date;
- (2) There has been no change in the quantity of hazardous materials reported in the HMIS most recently submitted to the Hayward Fire Department; AND
- (3) No hazardous materials subject to inventory reporting requirements are being handled that are not listed in the HMIS most recently submitted to the Hayward Fire Department.

Name: Villien Chen	Signature:
Title: Operations Manager	Date Signed: 3/19/2008
Facility Name: Biotium, Inc.	
Facility Address: 3423 Investment	Blvd Suite 8, Hayward, CA 94545

HAYWARD FIRE DEPARTMENT 777 B Street, Hayward, CA 94541-5007

WIFIED PROGRAM CONSOLIDATED FORM

HAYWARD FIRE DEPARTMENT

BUSINESS OWNER/OPERATOR IDENTIFICATION OF ACILITY INFORMA

UNIFIED PROGRAM CONSOLIDATED PERMITIKEGISTRATION NUMBER 1 BEGINNING DATE 100 ENDING DATE 114 JOHN SILVER OF 108 JULY 1 JU
BUSINESS NAME (Same as FACILITY NAME or DBA - Doling Business As) BUSINESS STATE ADDRESS 3423 INJUSTIMENT BIVA. Suite 8 CITY Hayward DUN & BRADSTREET 80 - 663 - 9394 COUNTY Alameda County BUSINESS OPERATOR NAME OWNER NAME Fei Mad OWNER NAME Fei Mad OWNER MAILING ADDRESS 3423 INJUSTIMENT BIVA. Suite 8 CITY Hayward III. BUSINESS OWNER III. STATE CA III. STATE CA III. STATE CA III. STATE CONTACT NAME III. ENVIRONMENTAL CONTACT CONTACT NAME CONTACT NAME CONTACT NAME CONTACT NAME CONTACT MAILING ADDRESS 3423 Injustiment BIVA. Suite 8 CITY Hayward III. ENVIRONMENTAL CONTACT CONTACT NAME CONTACT MAILING ADDRESS 3423 Injustiment BIVA. Suite 8 CITY Hayward IV. EMERGENCY CONTACTS NAME CITY NAME CITY CONTACT MAILING ADDRESS ALZ3 Injustiment BIVA. Suite 8 CITY Hayward IV. EMERGENCY CONTACTS NAME Cling - Ving Cheun III. EVIRON Cheun IV. EMERGENCY CONTACTS NAME Cling - Ving Cheun III. EVIRON Cheun IV. EMERGENCY CONTACTS NAME Cling - Ving Cheun IV. EMERGENCY CONTACTS SECONDARY TITLE CALL State of ficer BUSINESS PHONE BUSINESS PHONE 124-HOUR PHONE 135
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Hayward
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$\frac{570 - 265 - 1027}{24 + \text{HOUR PHONE}} = \frac{570 - 265 - 1027}{126}$
24-HOUR PHONE 126 24-HOUR PHONE 131
570-389-7179 (541) 573- 1853
PAGER OF CELL PHONE # 127 PAGER OF CELL PHONE # 132 (541) 573 - 1853
ADDITIONAL LOCALLY COLLECTED INFORMATION: Check applicable boxes: 133 This form is accompanied by new or modified Hazardous Materials Inventory - Chemical Description Form(s).
This form is the annual submittal. There are no changes to the most recent HMBP filed. Certification Statement enclosed.
This location is on property not owned by the business owner. Property owner information provided in separate page, attached.
☐ This facility is a recycler and files a Recyclable Materials Report.
Certification: Based on my inquiry of those individuals responsible for obtaining the information, I certify under penalty of law that I
have personally examined and am familiar with the information submitted and believe the information is true, accurate, and complete. SIGNATURE OF OWNER/OPERATOR OR DESIGNATED REPRESENTATIVE DATE 134 NAME OF DOCUMENT PREPARER 135
SIGNATURE OF OWNER/OPERATOR OR DESIGNATED REPRESENTATIVE DATE 134 NAME OF DOCUMENT PREPARER 135
NAME OF SIGNER (print) 136 TITLE OF SIGNER 137
See Instructions A: Rusiness Owner/Operator Identification Operations Manager

UPCF

POSTED

CERTIFICATION STATEMENT

FIRE PREVENTION OFFICE

MAR 1 4 2007

For Reporting Year 2007

HAYWARD FIRE DEPARTMENT

HAZARDOUS MATERIALS BUSINESS PLAN / HAZARDOUS MATERIALS INVENTORY

If no change in your hazardous materials inventory has occurred since you submitted a complete Hazardous Materials Business Plan (HMBP), you may comply with the annual inventory reporting requirements of **State law** by completing, signing, and submitting this Certification Statement... ONLY IF ALL THE FOLLOWING APPLY:

- (1) You have previously filed a complete HMBP within the past three years;
- (2) You, as the business owner or its officially designated representative, can sign and attest to all the statements in this Certification Statement; AND
- (3) You are not using the certification statement to comply with the annual federal reporting requirements under the Emergency Planning and Community Right-to-know Act (EPCRA).

Regardless of whether a change has occurred or not, facilities subject to **federal law**, EPCRA, must annually submit the following documents: (a) Business Activities page; (b) Business Owner/Operator Identification page; and (c) Chemical Description page for each reportable federal Extremely Hazardous Substance (EHS). Note that a Chemical Description page for an EHS must contain an original signature.

I CERTIFY UNDER PENALTY OF LAW THAT:

I have personally examined and am familiar with the information referred to or submitted in this and all attached documents. Based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

I FURTHER CERTIFY THAT:

- The information contained in the Hazardous Materials Inventory Statement (HMIS) most recently submitted to the Hayward Fire Department as part of this facility's Hazardous Materials Business Plan (HMBP) is complete, accurate and up-to-date;
- (2) There has been no change in the quantity of hazardous materials reported in the HMIS most recently submitted to the Hayward Fire Department; AND

(3) No hazardous materials subject to inventory reporting requirements are being handled that are not listed in the HMIS most recently submitted to the Hayward Fire Department.

Name: Vivien Chen	Signature:
Title: Operations Manager	,
Facility Name: Biotium, In	C.
Facility Address: 3423 Investme	ent Blvd. Suite 8, Hayward, CA 94545

HAYWARD FIRE DEPARTMENT 777 B Street, Hayward, CA 94541-5007

FIED PROGRAM CONSOLIDATED FO

HAYWARD FIRE DEPARTMENT

BUSINESS OWNER/OPERATOR IDENTIFICATION

FACILITY INFORMATION

I. IDENTIF UNIFIED PROGRAM CONSOLIDATED PERMIT/REGISTRATION NUMBER	ICATION BEGINNING	DATE 100 ENDING DATE	101
01-003 27902		Pee 6 200 12/31/200	é 1
BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As)		3 BUSINESS PHONE	102
Biotium. Inc.		510-265-102 T	
BUSINESS SITE ADDRESS			103
3423 Investment Blvd. Suite 8	104	ZIRCODE	105
Hayward	CA	ZIP CODE 94545	103
DUN & BRADSTREET	106	SIC CODE (4 digit #) 2865	107
80 - 663 - 93 94		2865	
COUNTY			108
Alameda County	109	L DUGDIEGG ODED ATOD DUONE	110
BUSINESS OPERATOR NAME Fei Mao	109	BUSINESS OPERATOR PHONE $510-265-1027$	110
II. BUSINES	SS OWNER	1 310- 303 1001	
OWNER NAME	111	OWNER PHONE	112
Fei Mao		510-265-1827	
OWNER MAILING ADDRESS 3423 Investment Blvd. Suite 8		· · · · · · · · · · · · · · · · · · ·	113
CITY Hay ward	114 STATE	- ZIP CODE - 94545	116
III. ENVIRONMEN	NTAL CONTACT		
contact Name Vi Vien Chen	117	CONTACT PHONE 510-265-1027	118
CONTACT MAILING ADDRESS		J	119
3423 Investment Blvd. Suite 8			
Hay ward	120 STATE	A 21P CODE 94545	122
- PRIMARY - IV. EMERGENC		- SECONDARY -	128
NAME Vivien Chen	NAME Ching	- Ging Cheung	
Operations Manager 124	TITLE Faer/i	ty Safety Officer	
BUSINESS PHONE $510-265-1027$	BUSINESS PHONE 510 -	265-1027	130
24-HOUR PHONE 126 570 - 389 - 7179	24-HOUR PHONE (541)) <i>513-185</i> 3	131
PAGER or CELL PHONE # 510 - 589 - 7179	PAGER or CELL PH		132
ADDITIONAL LOCALLY COLLECTED INFORMATION: Check applicable	boxes:		133
This form is accompanied by new or modified <i>Hazardous Mater</i>		emical Description Form(s).	
This form is the annual submittal and there are no changes to the	· · · · · · · · · · · · · · · · · · ·	=	
This location is on property owned by someone other than the b	-		
☐ This facility is a recycler. Attachment 8 enclosed.			
Certification: Based on my inquiry of those individuals responsible have personally examined and am familiar with the information subm			
SIGNATURE OF OWNER OF ERATOR OR DESIGNATED REPRESENTATIVE	DATE 13	NAME OF DOCUMENT PREPARER	135
YKCC	12/0/2007	/ Vivien Chen	
NAME OF SIGNER (print) 136	TITLE OF SIGNER	land Managar	137
Vivien Chen	1 operasi	Milvien Chen Cons Manager	
•	,		

See Instructions A: Business Owner/Operator Identification

Page ____ of ____

L. AFIED PROGRAM CONSOLIDATED FORM

HAYWARD FIRE DEPARTMENT

BUSINESS OWNER/OPERATOR IDENTIFICATION

FACILITY INFORMATION

	IVON TO THE			
I. IDENTIF UNIFIED PROGRAM CONSOLIDATED PERMIT/REGISTRATION NUMBER		IIII I	DATE 100 LENDING DATE	101
56-0027902 - 018809	1 BEGINI	ING I	2006 ENDING DATE 12'/31/2006	101
06-0027902-018809 BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As)	0,	101	3 BUSINESS PHONE	102
Biotium, Inc.			(510) 265-1027	
BUSINESS SITE ADDRESS		_	(310)200	103
3423 Investment Blyd. Suite 8				
CITY	104		ZIP CODE	105
Hayward		CA	94545	
DUN & BRADSTREET		106	SIC CODE (4 digit #)	107
806639394			5169	
COUNTY				108
Alameda County		100	L	100
BUSINESS OPERATOR NAME Fei Mao		109	BUSINESS OPERATOR PHONE	110
II. BUSINES	COMMED		(510)265-1027	
OWNER NAME -		111	OWNER PHONE	112
Fei Mao			(500) 265-1027	
OWNER MAILING ADDRESS			(3.5) 263-100/	113
3423 Investment Blud Suite 8				
CITY	114 STA	ATE	115 ZIP CODE	116
Hayward		CA	94545	
III. ENVIRONMEN	Company of the Control of the Contro	CT		
CONTACT NAME	117		CONTACT PHONE	118
CONTACT MAILING ADDRESS			(5h) 205-102-1	
1 1 1 1 1 1 1 1			1	119
3423 Investment Blvd. Suite 8	120 STA	TE	121 ZIP CODE	122
Hayivard	317	A	91515	120
- PRIMARY - IV. EMERGENC	Y CONTACT	S	- SECONDARY -	
NAME 1 1 123	NAME		1	128
Vivien Chen		nine	3- Ting Cheung	
TITLE Operations M. 124	TITLE .	1	of pelipar	129
Operations Manager	and the second s	te+	9 OFFICE	
BUSINESS PHONE (570) 265-1027	BUSINESS PHO	ONE	265-1027	130
24-HOUR PHONE 126	24-HOUR PHO		203-1027	121
(570) 589-7179	24-HOUR PHO	NE /	541) 513-2968	131
PAGER or CELL PHONE # 127	PAGER or CEL	L PHO	NE#	132
(570) 589-7179	(541)	15	13-2968	100
ADDITIONAL LOCALLY COLLECTED INFORMATION: Check applicable				
This form is accompanied by new or modified <i>Hazardous Mate</i>	e doxes:	C	ended December 5	133
The state of the s	enais inventory	- Cn	emical Description Form(s).	
This form is the annual submittal and there are no changes to the This location is on property owned by someone other than the l	he racing or its	s naz	mai inventory. Attachment 6 enclosed.	V
This facility is a recycler. Attachment 8 enclosed.	ousniess owner	. All	achment / enclosed.	
This facility is a recycler. Attachment 8 enclosed.				
Certification: Based on my inquiry of those individuals responsible	for obtaining the	e infor	mation. I certify under penalty of law tha	+1
have personally examined and am familiar with the information subm	itted and believ	e the	information is true, accurate, and comple	ete.
SIGNATURE OF OWNER OF ERATOR OF DESIGNATED REPRESENTATIVE	DATE	134	NAME OF DOCUMENT PREPARER	135
Mee	The state of the s	001		- 66
NAME OF SIGNER (print) 136	114/36	00	Vivien Chen ous Manager	46-
11.1.01	TITLE OF SIGNE	K	me Managar	137
Vilien Chen	Oper	ati	ous Manager	

'nified Program Consolidated Forn

Hayward Fire Department

Hazardous Material Inventory - Chemical Description (One page per material, per location or area) 200 Add ☐ Delete Revise Business/Facility Name:3 Biotium, Inc by LCMS equipment in Chemistry Lab 2 Chemical Location Confidential? (EPCRA) Chemical Location: □Yes X No 204 Permit Number: 06-0027902-018809 Map Number: Grid Number: No Compressed Trade Secret? Chemical Name: 207 EHS Listed? Common Name: No CalARP Listed? 208-A CAS Number: Uniform Fire Code **Physical Characteristics** Health Characteristics 210 Hazard Classes ☐ Toxic □ Sensitizer ☐ Explosives/Blasting Agents ☐ Flammable Solid (Check all boxes that ☐ Class Flammable Liquid ☐ Highly Toxic ☐ Carcinogen ☐ Class Water Reactive apply to this chemical ☐ Class Combustible Liquid ☐ Class Unstable Reactive ☐ Corrosive ☐ Radioactive and write in the Oxidizer ☐ Class ☐ Class Organic Peroxide ☐ Irritant appropriate Class number or letter. See Attachment 1 ☐ Flammable Gas ☐ Class Pyrophoric Other Health Hazard - Hazard Classes.) X Non-Flammable Gas Radioactive? 212 No No Pure Type of Material Mixture □Waste ☐ Yes **NFPA 704** Ratings 214 210-A Curies Physical State Solid Liquid **X**Gas Curies Federal Hazard Categories Pressure Release ☐ Fire ☐ Reactive Acute Health ☐ Chronic Health Check all that apply ☐ Gallons Cubic Feet Annual Waste Amt. 219 Largest Container 215 none Units ☐ Pounds ☐ Tons Ave. Daily Amount 217 State Waste Code If EHS-Listed or CalARP-Listed, Max. Daily Amount 218 No. of Days on Site 222 a. I cuft @ STP amounts must be in pounds. M Aboveground Tank ☐ Can ☐ Box ☐ Tank Wagon ☐ Cylinder ☐ Rail Car □ Underground Tank ☐ Carboy Storage Container 223 ☐ Tank Inside Building ☐ Silo ☐ Glass Bottle Other... ☐ Steel Drum ☐ Fiber Drum ☐ Plastic Bottle ☐ Tote Bin □ Plastic/Nonmetallic Drum ☐ Baq If EPCRA, sign here: Storage Pressure X Ambient Above Ambient ☐ Below Ambient Ambient Storage Temperature 225 ☐ Above Ambient ☐ Below Ambient ☐ Cryogenic EHS Listed? CAS No % Weight Hazardous Components (for mixture or waste only) 227 226 No No ☐ Yes 1. 00 233 230 231 232 □ No 2. ☐ Yes 237 235 236 234 ☐ Yes □ No 3. 241 239 240 4. ☐ Yes □ No If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or greater than 0.1% by weight if carcinogenic, attach additional sheets of paper reporting the required information.

nified Program Consolidated Form

Hayward Fire Department

Hazardous Material Inventory - Chemical Description (One page per material, per location or area)

200 Add Dele		ie page per mater				Page_2_of
Business/Facility Name	Biotium,	Inc.				
Chemical Location: 2	or by the fune hood	ls at Che	mistry Las	61		cation Confidential? (EPCRA) XNo 20
Permit Number: 66-	0027902-0188	309 Maj	p Number:	203	Grid Numbe	er: 20
Chemical Name: 205	Compressed	1 Nitra	ogen		Trade Secre	et? 206 □Yes ⊠No
Common Name: 207	Nis	Hogen			EHS Listed	208 □Yes ⊠No
CAS Number: 209	7727-	37-9			CalARP List	ted? ^{208-A} □Yes ⊠No
Uniform Fire Code Hazard Classes (Check all boxes that apply to this chemical and write in the appropriate Class number or letter. See Attachment i Hazard Classes.)	☐ Explosives/Blasting ☐ Class Flammab ☐ Class Combust ☐ Class Oxidizer	ele Liquid	Class Un	lid ater Reactive stable Reactiv ganic Peroxide rophoric	☐ Toxic ☐ Highline ☐ Corro	y Toxic
Type of Material 211	⊠Pure □Mixture	□Waste	Radioactive?	212	s DNo	NFPA 704
Physical State 214	□Solid □Liquid	⊠Gas	Curies	213	Curies	Ratings 210-A
Federal Hazard Categories Check all that apply 216	☐ Fire ☐ Rea	active 💢	Pressure Relea	ase 🗆 A	Acute Health	Chronic Health
Largest Container 215	200 cuft	Units	☐ Gallons 〕	Cubic Feet	Annual \	Vaste Amt. 219 non€
Ave. Daily Amount 217	1 cuft@ STP	221	□ Pounds □		State W	aste Code 220 /V//
Max. Daily Amount ²¹⁸	2 cuft@STP		isted or CalARP ats must be in <u>po</u>		No. of D	ays on Site 222 365
Storage Container 223	Aboveground Tank Underground Tank Tank Inside Building Steel Drum Plastic/Nonmetallic	□ Fib	rboy o oer Drum	☐ Box ☐ Cylinder ☐ Glass Bo ☐ Plastic E ☐ Tote Bin	ottle Bottle	☐ Tank Wagon ☐ Rail Car ☐ Other
Storage Pressure 224	⊠ Ambient □ A	bove Ambient	☐ Below	Ambient	If EPCRA	A, sign here:
Storage Temperature 23	²⁵ ⊠ Ambient □ A	bove Ambient	☐ Below	Ambient	☐ Cryog	enic
% Weight	Hazardous Components	s (for mixture or v	waste only)	EHS Lis	sted?	CAS No.
1. 100 226	Nitrogen		227		(No 228	7727-37-9 225
2. 230			231	□ Yes □	l No ²³²	23:
3. 234			235	□ Yes □	l No ²³⁶	237
4. 238			239	□ Yes □	l No 240	24
lf more hazardous compe carcinogenic, attach add	onents are present at greater litional sheets of paper repo	than 1% by we	ight if non-care	cinogenic, or g	reater than (0.1% by weight if

Inified Program Consolidated For

Hayward Fire Department

Hazardous Material Inventory - Chemical Description (One page per material, per location or area) Page 3 of 5 200 Add ☐ Delete ☐ Revise Brotium, Inc. Business/Facility Name:3 , the beach in Chemistry Lab 2 Chemical Location Confidential? (EPCRA) Chemical Location: □Yes Permit Number: 06-00 27902-018809 204 Map Number: Grid Number: Compressed Hydrogen MNo 206 □Yes Trade Secret? Chemical Name: □Yes 207 EHS Listed? Common Name: ☐Yes XNo CalARP Listed? 208-A CAS Number: Uniform Fire Code **Health Characteristics Physical Characteristics** 210 Hazard Classes ☐ Explosives/Blasting Agents □ Flammable Solid ☐ Toxic ☐ Sensitizer (Check all boxes that ☐ Class Flammable Liquid ☐ Class Water Reactive ☐ Highly Toxic ☐ Carcinogen apply to this chemical Class___ Combustible Liquid ☐ Class Unstable Reactive ☐ Corrosive ☐ Radioactive and write in the ☐ Class Oxidizer ☐ Class Organic Peroxide ☐ Irritant appropriate Class number or letter. See Attachment 1 - Hazard Classes.) I Flammable Gas ☐ Other Health Hazard ☐ Class Pyrophoric □ Non-Flammable Gas Type of Material 211 X Pure ☐ Mixture □Waste Radioactive? 212 ☐ Yes No No **NFPA 704** Ratings Gas Curies 210-A Physical State ☐ Solid Liquid Curies Federal Hazard Categories X Fire Pressure Release ☐ Reactive ☐ Acute Health ☐ Chronic Health Check all that apply ☐ Gallons ☐ Cubic Feet Largest Container 215 Annual Waste Amt. 219 200 cuft none Units ☐ Pounds ☐ Tons Ave. Daily Amount 217 State Waste Code 220 If EHS-Listed or CalARP-Listed, Max. Daily Amount 218 No. of Days on Site 222 0.1 Cuft @ STP amounts must be in pounds. Aboveground Tank ☐ Can ☐ Box ☐ Tank Wagon □ Underground Tank ☐ Carbov ☐ Cylinder ☐ Rail Car Storage Container 223 ☐ Silo ☐ Tank Inside Building ☐ Glass Bottle ☐ Other... ☐ Steel Drum ☐ Fiber Drum ☐ Plastic Bottle ☐ Plastic/Nonmetallic Drum ☐ Bag ☐ Tote Bin If EPCRA, sign here: X Ambient Storage Pressure ☐ Above Ambient ☐ Below Ambient Storage Temperature 225 X Ambient ☐ Above Ambient ☐ Below Ambient ☐ Cryogenic % Weight Hazardous Components (for mixture or waste only) EHS Listed? CAS No. 226 229 ☐ Yes No No 1. 100 230 232 233 2. ☐ Yes □ No 234 236 237 3. ☐ Yes □ No 241 ☐ Yes □ No If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or greater than 0.1% by weight if carcinogenic, attach additional sheets of paper reporting the required information.

1 11

1 -			-4	F -	-1111
LOC	car	ION	OI	FQ	cility

Business Name:

Biotium, Inc.

Facility Address:

3423 Investment Blvd. Ste 8 Hayward, CA 94545 Map No. _1

Page ___ of ___

Α	В	С	D	E	F	G	H
	Landso	cape Area	Pa	king Area-Rear	1 to		Not To Scal
	1 2		D			Dumps	iter
	3	5 6	© 7 8 C	9 10	11 12	Parking (fr Produ	Area uction Ave)
		Front Po	3423		1		-
#2 F	3475	110	Parking A	Entro	ance estment Blvd)	3401	
25.80 MM 20		Entrance (Investment BIV	estment Bo	76			

- A: Facility Front Door
- B: Facility Rear Entrance
- C: Front Office Area
- D: Rear Lab Area
- E: Compressed Air Cylinder
- F: Alarm System
- G: Street Fire Hydrants

Detailed Facility Map

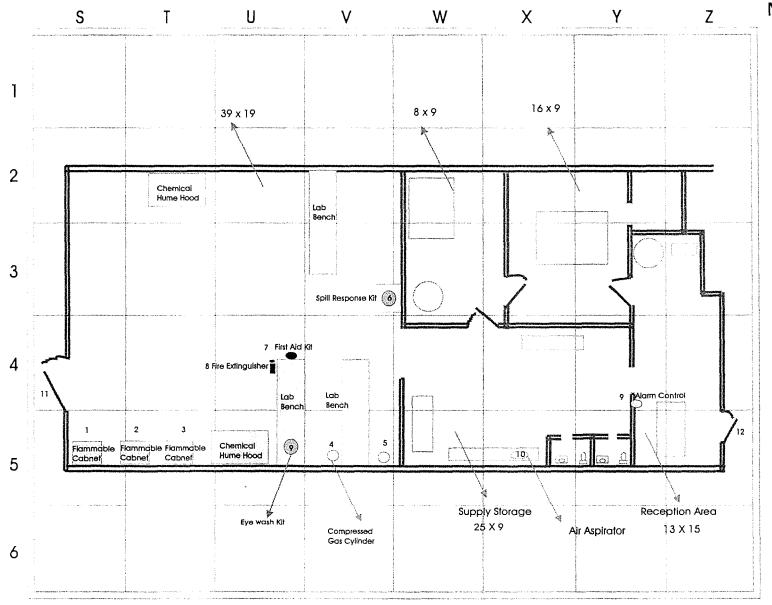
Business Name: Biotium, Inc.

Facility Address:

3423 Investment Blvd. Ste 8 Hayward, CA 94545

Map No. _2___

Page ___ of ___



- 1: Flammable Hume Hood 1
- 2: Flammable Hume Hood 2
- 3: Flammable Hume Hood 3 (house the DOT approved waste drum)
- 4: Compressed Helium Cylinder
- 5: Compressed Argon Cylinder
- 6: Harzorb Spill Response Kit (meet & exceeds Dot 49 CFR 173.12)
- 7: First Aid Kit
- 8: Fire Extinguisher (8 lbs Dry Chemicals)
- 9: Eye Wash Kit
- 10: Air Aspirator
- 11. Rear Door
- 12. Front Door

Location of Facility	Location	of I	Faci	lity
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Business Name:

Biotium, Inc.

Facility Address:

3423 Investment Blvd. Ste 8 Hayward, CA 94545

Map No. _1 ___ Page ___ of ___ |

	Α	В	С	D	E	F	G	Н
		Lands	cape Area	Po	aking Area-Rear			Not To Scale
		1 2		D			Dump	ster
		3	5 6	7 8 c	9 10	11 12	Parking (fr Produ	Area uction Ave)
			Front Po	3423				
The same	#1 12 mas	3475		Parking A	rea-Front Entre	ance	3401	
8	est mant		Entrance (Investment Blv	estment Bo	G (Inve	estment Blvd)		

- A: Facility Front Door
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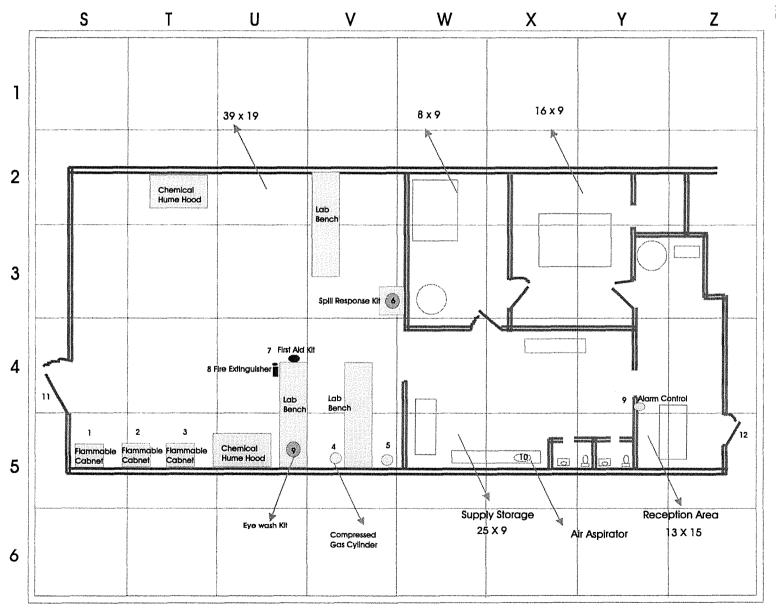
Business Name: Biotium, Inc.

Facility Address:

3423 Investment Blvd. Ste 8 Hayward, CA 94545

Map No. _2___

Page ___ of ___



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- 7: First Aid Kit
- 8: Fire Extinguisher (8 lbs Dry Chemicals)
- 9: Eye Wash Kit
- 10: Air Aspirator
- 11. Rear Door
- 12. Front Door

Emergency Response Plan

FOR	Biotium, Inc.	
	(Name of Facility)	

A. Internal and External Notification

A.1 Notification of the Hayward Fire Department: The following persons, in the order of responsibility, shall notify the HFD in the event of a spill, release or threatened release. (If the person first named is not available, the second person will assume notification responsibility... and on, down the list.)

Name	Title	Phone no.
Willen Chen	Operations Manager	510-265-102
Ching- Ying Cheune	Safety officer	570-265-1027
Wai-Gee Leung	Director of Chemistry	510-265-100
		/

Procedures for Notification of the Hayward Fire Department:

DO NOT CALL ANY FIRE STATION DIRECTLY.

DO NOT leave a message on any Fire Department Administrative Office phone.

CALL the Fire Department via 9-1-1 as soon as a person has knowledge of a release or threatened release. This applies to emergencies only. Use 911 for notifications of any active spills of any type of hazardous materials. Inform the Dispatcher of the nature of the call (Emergency).

For non-emergency situations, call the City of Hayward Dispatch Center at (510) 293-7000. Inform the Dispatcher of the nature of the call (Non-emergency).

WHEN USING A CELLULAR PHONE, DO NOT CALL 9-1-1 unless you are trying to get the California Highway Patrol. To reach the City of Hayward Dispatch Center by cell phone, call (510) 293-7000.

Information to provide the Fire Department:

- Identify yourself and provide a callback phone number.
- 2. Provide the address of the facility and spill location on the site.
- 3. Specify the name of a contact person who shall meet the Emergency Responders and where he or she would be at the site.
- 4. Provide any available and pertinent spill information known at the time the report is being made.

A.2 Notification of State OES and other governmental agencies:

The State Office of Emergency Services shall be notified immediately when a release or threatened release will have significant off-site consequences or if the Federal EPA National Response Center is to be notified based on Federal notification thresholds. Following is a listing of the agencies that may need notification based on your facility's operations, materials and thresholds. ADD TO THE LIST AGENCIES/COMPANIES SPECIFIC TO YOUR FACILITY.

Agency	Phone
Hayward Fire Department Dispatcher: Call for Emergencies and Spill Notification	9-1-1 or from a cell phone (510) 293-7000
State Office of Emergency Services Notification Center	1-800-852-7550
Hayward Fire Department Hazardous Materials Office (for information on regulatory issues and waste disposal, not for notification of spills/releases)	510-583-4910
Hospital: St. Rose Hospital	510-264-4026
Kaiser Permanente Medical Center – Hayward Other Medical Center:	510-784-4270
Water Pollution Control Facility	510-293-5398
Hazardous Waste Contractor:	
Bay Area Air Quality Management District	415-771-6000
Alameda County Water District	510-659-1970
Regional Water Quality Control Board	510-622-2300

A.3 Internal Notification Procedures:

List the names and telephone numbers of other Company officers/personnel (business owner, safety coordinator, emergency response team members, etc.) who must be notified upon discovery of a release:

Title	Name	Phone Number
Property Manager	- Shelly Carter	510-783-1513

A.4 Alarm and Notification Systems:

Describe internal alarm/notification systems (for example: pull stations, yelling, intercom)

System Type	Location(s) (name areas covered by the system, such as office, warehouse, manufacturing, etc.)	How Activated (automatic or manual? by whom? when?)
automatic fire sprinkler system		
fire/haz mat pull stations		
intercom		
yelling	from Lab to front office	Person who first notices the problem
chemical detection system		
other extinguishing systems	fire extinguisher in each	manually used by trained personnel

B. Evacuation

- B.1 Attach a map showing evacuation routes & meeting points.
- B.2 Describe how the evacuation will be announced to employees and to others on site:

We have a small operation with two Chemistry labs, each, the size of 20' x 35'. In case of emergency, evacuation can be effectively announced to all employees by yelling and walking around the facility

B.3 Describe when an evacuation will be required (conditions, chemicals, etc):

The only hazardous material requires reporting is compressed gas: Nittogen, Argon — all inert gases. It seldom requires evacuation even in the event of leakage. But other under-limit Chemicals used in the Lab might cause evacuation only in the event of fire or large spillor explosion.

B.4 To where will employees and others be evacuated?

outside location	Where?	out to front door,	to the parking lot
inside location	Where?	out to rear door,	to the parking lot

B.5 Maintain a roster of personnel at the evacuation point to account for all employees.

Primary Roll Monitor:	Vi Vien Chen, Operations Manager
Secondary Roll Monitor:	Ching-Ying Chenny, Safety Officer

C. Spill Procedures:

Whenever there is an imminent or actual emergency situation such as an explosion, fire, or chemical release, the <u>emergency coordinator</u> or other trained personnel shall do the following:

- (a) Identify the character, exact source, amount and extent of any released hazardous materials.
- (b) Assess possible hazards to human health or the environment that may result from the explosion, fire, or chemical release. This assessment must consider both direct and indirect effects. (e.g. the effects of any toxic, irritating, or asphyxiating gases that may be generated; or the effects of any surface water run-off from water or chemical agents used to control fire)
- (c) Monitor for leaks, pressure build-up, gas generation, or ruptures in valves, pipes, or other equipment that have been shut down in response to the incident.
- (d) Take all reasonable measures necessary to ensure that fires, explosions, and chemical releases do not occur, recur, or spread to other areas at the facility.

Appendix #1 to the Emergency Response Plan – Spill Procedures describes specific spill/release procedures

Appendix #2 to the Emergency Response Plan – List of ER Equipment provides a listing of the emergency response equipment

Appendix #3 to the Emergency Response Plan – Additional Spill Procedures for Underground Storage Tanks describes specific procedures for UST spills, leaks, and alarm situations

For all reportable spills the following actions are to be taken concurrent with notifications:

- Isolate the spill area.
- Evacuate the area/building, if necessary, per the evacuation plan.
- Keep unnecessary employees/persons at a safe distance from the incident.
- Identify Hot, Medium and Cold Zones, as needed. (These are areas that will dictate the type of personal protective equipment required of people who will be in the specified zones.)
- Set-up a command location for oversight of the response and/or for coordination with the Fire Department.
- If an <u>Emergency Response Team</u> is established, coordinate all activities through the Incident Commander at the Incident Command Post.
- If no Emergency Response Team is required, establish a spill response, mitigation, and cleanup plan and convey the information to those involved and to the Fire Department.
- Carry out spill procedures as indicated in Appendix #1 to the Emergency Response Plan.

D. Coordination with the Hayward Fire Department

- A designated employee shall meet responders at a designated location.
- The employee will be the Fire Department liaison and shall advise the Fire Department of facility information, including but not limited to layout of the facility, nature of the spill, hazards of material, ability of facility personnel to mitigate and cleanup the spill, location of facility spill response equipment, etc.
- The employee will escort the Fire Department to the spill location or incident command post, if one has been established.
- The employee or a spill coordinator will assist in the coordination between facility response personnel and the Fire Department response personnel as needed.

D.1 Describe and identify the most commonly used (or most likely) entry and/or meeting location for Fire Department response:

Fire Department entry location	parking lot outside the Lab
Fire Dept. and facility meeting location	parking lot outsiele the Lab

D.2 Emergency Coordinators:

Primary Coordinator	Secondary Coordinator	
Name: ViVien Chen	Name: Ching-Ging Cheung	
Title: Operations Manager	Title: Safety Officer	
Work Phone: (570) 265-1027	Work Phone: (570) 265-1027	
After-hours Phone: (570) 589-7179	After-hours Phone: (541) 513 - 29 68	
Pager or cell phone: (50) 589-7179	Pager or cell phone: (54)573 - 2968	

D.3	Private and Public Arrangements:
	(Check applicable statements.)

×	We have no formalized written agreements with any private emergency response
	contractor.
X	We have a formalized Emergency Response Team.
	We conduct drills/training with the Hayward Fire Department
	We have formalized written agreements with the following companies:

Name of Company	
Address	
Phone (include after-hours)	
Contact Person	

Name of Company	
Address	
Phone (include after-hours)	
Contact Person	

E. Resumption of Normal Operations, Cleanup and Disposal:

Before operations are resumed in areas of the facility affected by the incident, the following actions shall be conducted:

	Action	Person Responsible
1)	Provide for proper storage and disposal of recovered waste, contaminated soil or surface water, or any other material that results from an explosion, fire, or chemical release at the facility.	Ching-ling Cheung Safety officer
2)	Ensure that no material that is incompatible with the released material is transferred, stored or disposed of in areas of the facility affected by the incident until cleanup procedures are completed.	Same as above
3)	Notify the Hayward Fire Department Hazardous Materials Office that the facility is in compliance with requirements (a) and (b) above.	Vivien Chen. operations Manager
4)	If an evacuation was made, the area evacuated shall be surveyed and a determination made that there are no hazards to returning employees. If the spill was likely to have produced an atmosphere in which concentrations of hazardous materials exceeded allowable levels, actions shall be taken to verify that breathing zones are safe to returning employees. Use of monitoring devices or sampling may be required for verification.	Ching-Ying Cheun Safety Officer

F. Reporting:

A written report documenting the spill response actions taken, the cleanup and disposal activities, including copies of receipts/manifests for disposal, and an analysis of the cause of the spill/release will be sent to the Hayward Fire Department. Recommendations and time schedule for correction of any deficiencies in equipment, procedures or training will also be included in the report.

Send the report to the Hazardous Materials Office of the Hayward Fire Department within 30 days of the incident. If the incident requires a report to the California OES (depending on quantity released) it shall be done on the State OES form within 30 days of the spill and a copy submitted to the Hazardous Materials Office.

Name of person responsible for reports	Villen Chen
Title	Operations Manager
Telephone Number	(510) 265-1027

EMERGENCY RESPONSE PLAN – APPENDIX 1

SPILL PROCEDURES

Provide spill procedures for the following situations (as they apply to your facility):

Describe the types of spills that might occur and briefly describe the actions to be taken when they do occur. Use terms like: contain, absorb, dike, spill kit, drain, pump, place into container, sweep, shut off, in your description. For indicating type of Personal Protective Equipment (PPE) use levels designated by OSHA:A, B, C, D. Indicate if you made modifications in your case. If power is to be shut off or some equipment needs to be shut down, please describe the procedures, naming the employees involved and describing where shut off valves or switches are located.

Type of Emergency	Response Actions Person Responsible	PPE
Hazardous Material Spills at/from: Workstations Containers Drums Piping Tanks Trucking area Rail Transfers Other	In case of gas leakage, remove Victim(s) to fresh air as quickly as possible, I fnot breathing, give CPR, Allow the gas to dissipate by opening the air circulation route; In case of Chemical Spill, use "emergency Spill Kit" to isolate and containand obsorb the spill to limit the affected area & peoble	
Hazardous Waste Spills/Releases: Containers Drums Treatment system Trucking	immediately evacuate the Ching-Ying area, controll the spill by Cheung, applying "Emergency Spill Cheung, Kit" to Contain, absorb the Safety office spill; survey and sample the evacuated area to make Sure it is safe to resume operation document the incredence and report to authorities when necessary	2

Type of Emergency	Response Actions	Person Responsible	PPE
Fire: Call 9-1-1 immediately to report any fire Immediately evacuate all personnel	An extinguisher may be used for fires that can be attacked within 2 minutes by trained personnel. Describe the fire protection and alarm systems that are present in your facility. Dry Chemical Fire Extinguisher (pull, aim, squeeze y sweep)	Ching-Ying Cheung, Safety officer	3
Explosion: Call 9-1-1 immediately to report any fire Immediately evacuate all personnel	Identify if there are explosion hazards and if there are systems in place to mitigate or detect such hazards. Provide any specific operations that you have. NO EXPLOSION RAZAND		
Earthquake: Duck and take cover under a table or doorway Get out and stay away from falling hazards	Identify areas requiring immediate attention. turn off Hydrogen gas line if in use at the moment; took stop Chemical reactions in the hood	Ching-Ying Cheung Safety officer	3
Other:			

E. RGENCY RESPONSE PLAN - APP. DIX 2

LIST OF EMERGENCY RESPONSE EQUIPMENT

Equipment Category	Equipment √ if available	Location	Description: specify type and quantity
Personal Protective	Chemical Protective Boots		
Equipment, Safety Equipment, and First Aid Equipment	Chemical Protective Gloves	las benches	Latex gloves (10 cases)
	Safety Glasses/Goggles/Face shields	W5	Latex gloves (10 cases) Goggles: 9; face shield: 5
	Chemical Protective Clothing	W5	Lab coats (10 doz.)
	Hard Hats		
	Chemical Monitoring Equipment (describe)		
	First Aid Kits	04	Total Resource First Aid Kit: & Exe Wash by Sink (1)
	Eye Wash Stations	45.	Eje Wash by Sink (1)
	Safety Showers		
	Cartridge Respirators	W5	North Full-face 124pirators (5
	SCBA units		
	Other (describe)		
Fire Extinguishing Systems	Fire Extinguishers	114	Kiddle Dry Chemical Extinguis
	Fire Hose		
	Foam with nozzles/hose		
Spill Control Equipment, and Decontamination Equipment	Absorbents, Neutralizers	-	
	Shovels/Brooms/Squeegees		
	Overpack drum/Spill drum		
	Absorbent booms/pillows/pads		
	Decontamination Equipment (describe)		
	Gas cylinder leak repair kits (describe)		
	Other (describe)	V3	Hazorb Spill Response Kit (1)
Communication and Alarm Systems	Telephones	VA	land line = 8 ceil phone = 8
	Intercoms/PA systems		Cen provide
	Portable 2 way radios		
	Pull Station alarms		
	Automatic alarms	VA	ADT Security System

EMERGENCY RESPONSE TRAINING PLAN

1. Scope

This plan is designed to provide employees with training on hazardous materials and hazardous waste that will satisfy the requirements of the California Health and Safety Code Chapter 6.95 and Chapter 6.5.

Facility Name:	Brotilum, Inc.
Address:	3423 Investment Blvd. Suite 8, Hayward, CA945
Main Activity:	manufacture and Sale of fluorescent dyes
Buildings or Areas where hazardous waste or hazardous materials are found:	in the flammable cabnets by the rear door

2. Responsibilities

The following persons are responsible for ensuring that this Training Plan is implemented:

Name/Title	Training Responsibility	
ViVien Chen Soperations Man Thing Ying Cheung Scote to officer	yer Prepara, Organize & Document lecture, implement, enforce, safety por	

3.	Emp	loyees	New	Emp	loyees
	-				

Attachment T1 documents each employee's training.

New employees are trained during orientation, before starting on a job.

New employees are trained within six months of hire date.

YES

□ NO

YES YES

□ NO

4. New assignments or Changes in Operations

In the event of new assignments or of changes in operation, affected employees are trained before the new assignment or the change in operation takes place.

YES YES

O NO

Attachment T2 documents re	fresher training.	
Refresher Training is provided	at least annually.	YES INO Every / months
How often is refresher training	provided?	Every / months
Refresher Training is done through Outside classes Safety Meetings	ough: (check all that apply) ☐ In-house classes provided by contracte ☐ In-house classes conducted by in-house *(Complete Attachment T4 to document q	or se trainers*

6. Training Topics

The following table indicates the training topics covered. Other documents on these training topics are maintained and are available to the inspector upon request.

Training Topics	Is To	pic Cov	ered?	Are Course
Training Topics	YES	NO	N/A	Documents Available?
General Safety Precautions:				
Material Safety Data Sheets	X			
Nature and hazards of materials present	X			
Emergency Response:				
The Emergency Response Plan	Χ			
Notification/coordination with local agencies	×			
Procedures for use, inspection, repair, and replacement of facility emergency response and monitoring equipment			X	
Communication and alarm systems	X			
Response to fires or explosions	X			
Response to release or threatened release of hazardous materials	X			
Hazardous Waste Management:				
On-site management and storage requirements	X			
Packaging and labeling	Χ			
Proper use of safety equipment	X			
Proper use of hazardous waste management supplies	X			
Off-site transportation requirements			X	
Interaction with waste haulers and disposal sites			X	
Conducting periodic inspections (storage areas, tanks etc.)	X			
Key parameters for automatic waste feed cut off systems			X	
Response to groundwater contamination incidents			X	
Shutdown of operations	X			

7.	Emergency Response Team	. ,			
	The facility has a formally organized Emergency Response Team. Attachment T3 lists the members of the Emergency Response Team.	Ø,	YES		NO
	Team will coordinate with HFD to conduct at least one drill per year.		YES		NO
	Team will coordinate with HFD to conduct coordination training at least once per year.			Ø	NO
	After each incident, the Team will meet with the HFD for a joint post-incident evaluation.	Ø,	YES		NO

8. Training Topics by Job Title

Employees are trained based on their level of involvement in the handling, use, or generation of hazardous materials or hazardous waste.

Attachment T1 details the topics each employee has had training on.

9. Training Documentation

The following employees are responsible for the maintenance and update of this Emergency Response Training Plan.

They shall also keep and maintain all training records and other documents associated with the Emergency Response Training Plan.

Name	Title	Phone Number
Vivien Chen	Operations Manager	(570) 265-1027
	, , , , , , , , , , , , , , , , , , ,	
	A 100 TO	

Name of Employee: <u>Vivian Chen</u> Position/Title: <u>General Manage/</u>	Sta	ırt Da	ate: _	03	102	2		T	rans	fer C	Date:			******		una	Ter	mina	ıtion	Date	e:				-
Job Description (hazardous materials handling):		Со	Contingency Plan Labeling Compatibility/Storage Manifesting														ıg		emic						
Administrative, Sales, Accounting. Packaging & Shipping, Safety coordinator	Emergency Response Plan	Guidelines for emergency medical care	Notification/coordination with fire dept.	Emergency equipment use/maintenance	Spill response actions	Fire/explosion response	Emergency Coordinators	How to fill out labels	Accumulation start date	Labeling of tanks	Hazardous properties	Incompatibles - general /on-site	Weekly inspections	Closed containers - rags	90 day storage time	Aisle space regulation	Storage to minimize accidental release	Empty container regulation	When and how to use	Generator/TSDF copies	Record keeping	DOT Shipping names of facility wastestreams	DTSC exception reports	Material Safety Data Sheet use/information	Hazards of materials present
Employers: Check " $$ " the boxes for the skills, education or qualifications required by this position.	7	Counting of tanks Counting of tanks Closed container regulation															7	>							
Title of Class/Course Date Taken & Completed Taken		Countingency Hesponse Plan Emergency Hesponse Plan Guidelines for emergency medical care Guidelines for emergency medical care Countingency adulpment use/maintenance Fine/explosion response actions Fine/explosion response Fine/explosion response Hexardous properties Hexardous properties Hexardous properties Closed containers - rags When and how to use Generator/TSDF copies Generator/TSDF copies Broont keeping DOT Shipping names of facility wastestreams																							
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Job Description (hazardous materials hand			Со	nting	geno	у Р	lan		i	Labe	eling		(Com	patit	ility	/Sto	rage	:	M	anife	estin	g		emic	1
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Employers: Check " $$ " the boxes for skills, education or qualifications r this position.								>			\rightarrow						\ \	\rightarrow							\rightarrow	7
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Name of Employee: Ching-Tilve Position/Title: Safety Corre	Cheure director	Sta	Contingency Plan Labeling Compatibility/Storage Manifesting Chemica Hazards														-									
Job Description (hazardous materials handlin	ng):		Coutingency manifestor mergency medical care Notification/coordination with fire dept. Emergency equipment use/maintenance Spill response actions Fire/explosion response Fi																							
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Name of Employee: Wai- Yes. Position/Title: Vivector of (Lenny	Sta	rt Da	ıte:	4/	7/8	04		Tr	ansi	er D	ate:						Tern	nina	tion (Date					
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Name of Employee: The Yang Position/Title: Chemish	Sta	rt Da	ite: _	1/2:	3/6	6		Tı	ranst	er D	ate:						Tern	ninat	ion <u>I</u>	Date	· ·				-
Job Description (hazardous materials handling):		Со	ntingency Plan Labeling Compatibility/Storage Manifesting Chemic																						
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Employers: Check " $$ " the boxes for the skills, education or qualifications required by this position.				>		>	>					>	\ \			>	>							\rightarrow	
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Attachment T2

Training Class Record - Refresher Training

DATE:	3/9/06	TRAINER/INSTRUCTOR:	Nai- Yee Leung, Ph.D

☐ CONSULTANT-PROVIDED (in-house)

☑ IN-HOUSE TRAINER'S TRAINING CLASS*

SAFETY or STAFF MEETING*

* Complete Attachment T4 for qualification of trainer

TOPICS COVERED

General Subject	Details
Chemical Strage &	Chemical incompatibles - on site Vs. hewto store their separately
waste hazards	148DS hazards of material present on site
waste Labeling	Chemical labeling, waste profiling
Contingency plan	what to do In case of emergency
Chemical hygiene	basic safety rules for handling Lab chemicals

ATTENDEES / PRESENT

Name	Title	Signature
Volvien Chen	General Manager	
Ching-Ying Cheung	Sefety Coordinater	2001
Helma Chin	Techroian	Aduli
Mainy de La Cruz	Lab Assistant	Man dela Co
Jie Yang	Chemist	Jar Jay
War-Yee Leung	Director of Chemism	luy sh
	Rivertor of Bresience	
Fer Mao	Chief Scientific Office	

Attachment T3 Hazardous Materials Emergency Response Team Members

Name Title		Co	Contact Telephone Numbers			40-hr ERT HazWOper	Refresher last taken	Other Training Beyond
Name	Title	Work	Home	Cellular	Pager	(year)	(year)	HazWOper
Vivien Chen	Operations Many	er 510-265-102	-	510-589-7179			2006	
Vivien Chen Ching-Ying Cheung	Operations Many Safety Officer	510-265-1027		GH-Si3-2968			2006	
		1						
								1

Definitions of Emergency Response Training Levels

Responsibility	Minimum Initial Training Required	Refresher Required	# of Hours Required
AWAR - First Responder Awareness Level: Identifies hazards; contains and cleans up small spills as part of routine work/maintenance; sounds alarm.	Hazard Communication Standard General Emergency Response and Evacuation	Yes	N/A
OPER - First Responder Operations Level: Contains spills from a safe distance.	8-hour Emergency Response (related to duties)	Yes	4
TECH - Hazardous Materials Technician Level: Responsible for spill control, clean-up and coordination with off-site responders.	40-hour Emergency Response (related to duties)	Yes	8
SPCLST - Hazardous Materials Specialist Level: Responsible for spill control, clean- up and coordination with off-site responders	24-hour Emergency Response (related to duties)	Yes	8

Attachment T4 Qualifications of In-House Trainer

List the name and qualifications of each person assigned training responsibilities. Include experience level, number of years, formal training, and any other reason used to establish that the person has the knowledge to provide training in a specific area.

Name and Title	Qualifications	Training Responsibilities
Fer Mao, Ph.D Chief Technology Officer	14 years of experience in handling a variety of hazardous chemicals. trained chemical technicians in major biotech companies on & safety and chemical handlig; familiar with Federal & State regulations	to train other employees in the facility on safety
Wai-Yee Leung, Director of Chemistry	Variety of hazardous Chemicals. received special staining courses for hazardous wateriels in Diniver-	supervise chemical synthesis & reactions, packaging, labely
,		

ATTACHMENT 7

PROPERTY OWNER INFORMATION

HAZARDOUS MATERIALS BUSINESS PLAN / HAZARDOUS MATERIALS INVENTORY

The property where the business or facility is located is not owned by the business or by the business owner/operator.

Contact Information for the property owner follows:

Name of Property C	9
Mailing Address	P.O. Box 193880 San Francisco, CA 94111
Telephone Number	(510) 783-1513
Fax Number, if avai	lable (510) 783-1318

Above Information provided by:

Name: // Vie	en Chen		Signature:	Ne	2	
Title: Operat	ious Mana	ger	Date Signed:	6/1	4/2006	
Facility Name:	Biothu	us, Inc				
Facility Address:	3423	Investi	ment Blue	1. Suit	te8, Haywar	d, CA94545

Complete, sign and return to:

HAYWARD FIRE DEPARTMENT

777 B Street, Hayward, CA 94541-5007

ATTACHMENT 8: DO YOU HAVE TO FILE A RECYCLABLE MATERIALS REPORT?

Answer the questions below and follow through the flow to determine whether or not you have to file a RECYCLABLE MATERIALS REPORT.

COMPLETE AND SUBMIT THIS PAGE WITH YOUR HMBP!

(1)	-	ou recycle more than 100 kilograms pounds) of material per month?	YES. Go to (2)	NO. Go to (4)		
(2)	In ot	ou recycle your own waste? her words, do you recycle waste rated from this facility, at this facility?	YES. Go to (5)	NO. Go to (3)		
(3)	recyc wast	ther facilities send you their waste for cling? In other words, do you recycle e generated from other facilities, is facility?	YES. Go to (6)	NO. Go to (4)		
		•	, ,	. ,		
(4)		are NOT an onsite or an offsite recycler. cyclable Materials Biennial Report.''	You are NOT required i	to file a		
		k the appropriate box below and we will note	your declaration.			
(5)	You Chec You You gene	are a recycler and a generator. are required to file a State "Recyclab. k the appropriate box below and we will send are a recycler but not the generator. are required to file a State "Recyclab. erator that sends you its waste. k the appropriate box below and we will send	you a blank form. le Materials Biennial	•		
Pleas	e chec	k appropriate box below:				
X	(4)	This facility is NOT a recycler.				
	(5) This facility is a recycler and generator. Send a blank "Recyclable Materials Biennial Report" form.					
	This facility is a recycler of other facility's hazardous waste. Send (how many?) blank "Recyclable Materials Biennial Report" form/s.					
<u>Name</u>	of Fac	<u>ility:</u>				
		Biotium, Inc.				

COMPLETE AND SUBMIT THIS PAGE WITH YOUR HMBP!

Y02/C05

RECEIVED BY
FIRE PREVENTION OFFICE

MAR 0 7 2005

POSTED

CERTIFICATION STATEMENT FOR REPORTING YEAR 2005

HAYWARD FIRE DEPARTMEN

HAZARDOUS MATERIALS BUSINESS PLAN / HAZARDOUS MATERIALS INVENTORY

If no change in your hazardous materials inventory has occurred since you submitted a complete Hazardous Materials Business Plan (HMBP), you may comply with the annual inventory reporting requirements of **State law** by completing, signing, and submitting this Certification Statement... ONLY IF ALL THE FOLLOWING APPLY:

- (1) You have previously filed a complete HMBP within the past three years;
- (2) You, as the business owner or its officially designated representative, can sign and attest to all the statements in this Certification Statement; AND
- (3) You are not using the certification statement to comply with the annual federal reporting requirements under the Emergency Planning and Community Right-to-know Act (EPCRA).

Regardless of whether a change has occurred or not, facilities subject to federal law, EPCRA, must annually submit the following documents: (a) Business Activities page; (b) Business Owner/Operator Identification page; and (c) Chemical Description page for each reportable federal Extremely Hazardous Substance (EHS). Note that a Chemical Description page for an EHS must contain an original signature.

I CERTIFY UNDER PENALTY OF LAW THAT:

I have personally examined and am familiar with the information referred to or submitted in this and all attached documents. Based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

I FURTHER CERTIFY THAT:

the Park

- The information contained in the Hazardous Materials Inventory Statement (HMIS) most recently submitted to the Hayward Fire Department as part of this facility's Hazardous Materials Business Plan (HMBP) is complete, accurate and up-to-date;
- (2) There has been no change in the quantity of hazardous materials reported in the HMIS most recently submitted to the Hayward Fire Department; AND
- (3) No hazardous materials subject to inventory reporting requirements are being handled that are not listed in the HMIS most recently submitted to the Hayward Fire Department.

Name:			Signature:	102.
Title:	Facilit	y Manager	Date Signed:	3/4/05
Facility	Name:	Biotium, Inc		
Facility	Address:	3423 Investment &	3/vd. #8,	Hayward, CA 94545

IFIED PROGRAM CONSOLIDATED FO

HAYWARD FIRE DEPARTMENT

BUSINESS OWNER/OPERATOR IDENTIFICATION

FACILITY INFORMATION

I. IDENTIE	ICATION			Thus .	
UNIFIED PROGRAM CONSOLIDATED PERMIT/REGISTRATION NUMBER	1 BEGI	INNING	DATE 1 100	ENDING DATE	12/3/9
BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business AS)	20	10/3	904 by	12/31/20	04- 25
Biotium, Inc.			2 BUSINE	- 265-10=	27
BUSINESS SITE ADDRESS 3423 INVESTMENT Blvd. Suite 8			5/0	303-1-	103
CITY	104	101	ZIP CODE	2 1 5 1 5	105
Hayward DUN & BRADSTREET		CA		14-54-5	
80-663-9394		106	SIC CODE (4 c	2565	107
Alameda County					108
BUSINESS OPERATOR NAME		109		ERATOR PHONE	110
Jianwei Ho	No Bolom III I		510	-265-102	1
OWNER NAME -	SS OWNER	111	OWNER PHON	TP.	112
Jianwei Ho			570	-713-8769	
OWNER MAILING ADDRESS 34379 Benedick Lane				-	113
CITY	114 S	TATE	CA 115	ZIP CODE 9 4-55	5 116
III. ENVIRONMEI		100000000000000000000000000000000000000			
contact NAME Vivien Chen	1	17	CONTACT PH	265-10 =	7 118
3423 INVESTMENT Blud. Suite 8					119
city Hay ward	120 S	TATE	CA 121	2IP CODE 9 454	122
- PRIMARY - IV. EMERGENO				- SECONDARY -	
NAME Vivien Chen 123	NAME	Kin	a Xin		128
Operations Manager 124	TITLE Fa	odit	y Man	ager	129
BUSINESS PHONE 510 -265-1027 125	BUSINESS P	HONE		15-0265	130
24-HOUR PHONE 570 - 589 - 7179 126	24-HOUR PH	IONE	50-8-	78-407	3 131
PAGER or CELL PHONE # 570 - 589 - 7179	PAGER or C	ELL PHO	60 - 1	178-407	Z 3 132
ADDITIONAL LOCALLY COLLECTED INFORMATION: Check applicable	e hores:		030 0	1	
This form is accompanied by new or modified Hazardous Mate		ory - Ch	emical Descrii	otion Form(s).	133
This form is the annual submittal. There are no changes to the	most recent	HMBP	filed. Certific	ation Statement en	closed.
This location is on property not owned by the business owner.		ner info	rmation provid	led in separate page	e, attached.
This facility is a recycler and files a Recyclable Materials Repo	ort.				
Certification: Based on my inquiry of those individuals responsible have personally examined and am familiar with the information subm	for obtaining litted and beli	the info	rmation, I certif information is t	y under penalty of la	aw that I
SIGNATURE OF OWNER/OPERATOR OF DESIGNATED REPRESENTATIVE	DATE ,	134		UMENT PREPARER	135
NAME OF PICKET	3/3/	05	1/11	lien Che	n
NAME OF SIGNER (MINI) // Wien Chen 136	TITLE OF SIGN	ner Wati	ons M	anager	137

See Instructions A: Business Owner/Operator Identification

OES FORM 2730

Page ___ of ___

- 02 FIRE PREVENTION OFFICE

CERTIFICATION STATEMEN

FOR REPORTING YEAR 2003 HAYWARD FIRE DEPARTMENT

HAZARDOUS MATERIALS BUSINESS PLAN / HAZARDOUS MATERIALS INVENTORY

If no change in your hazardous materials inventory has occurred since you submitted a complete Hazardous Materials Business Plan (HMBP), you may comply with the annual inventory reporting requirements of State law by completing, signing, and submitting this Certification Statement... ONLY IF ALL THE FOLLOWING APPLY:

- (1) You have previously filed a complete HMBP within the past three years;
- (2) You, as the business owner or its officially designated representative, can sign and attest to all the statements in this Certification Statement; AND
- (3) You are not using the certification statement to comply with the annual federal reporting requirements under the Emergency Planning and Community Right-to-know Act (EPCRA).

Regardless of whether a change has occurred or not, facilities subject to federal law, EPCRA, must annually submit the following documents: (a) Business Activities page; (b) Business Owner/Operator Identification page; and (c) Chemical Description page for each reportable federal Extremely Hazardous Substance (EHS). Note that a Chemical Description page for an EHS must contain an original signature.

I CERTIFY UNDER PENALTY OF LAW THAT:

I have personally examined and am familiar with the information referred to or submitted in this and all attached documents. Based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

I FURTHER CERTIFY THAT:

- (1) The information contained in the Hazardous Materials Inventory Statement (HMIS) most recently submitted to the Hayward Fire Department as part of this facility's Hazardous Materials Business Plan (HMBP) is complete, accurate and up-to-date;
- (2) There has been no change in the quantity of hazardous materials reported in the HMIS most recently submitted to the Hayward Fire Department; AND
- (3) No hazardous materials subject to inventory reporting requirements are being handled that are not listed in the HMIS most recently submitted to the Hayward Fire Department.

Name:			Signature:	THE
Title:	Facilia	ly Manager	Date Signed:	2/12/2004
Facility	Name:	Biotium, Inc.		
Facility	Address:	3423 Investment	Blvd. #8,	Hayward, CA94545

LITIED PROGRAM CONSOLIDATED FORM

HAYWARD FIRE DEPARTMENT

BUSINESS OWNER/OPERATOR IDENTIFICATION

FACILITY INFORMATION

LIDENTIE	ICATION			
I. IDENTIF UNIFIED PROGRAM CONSOLIDATED PERMIT/REGISTRATION NUMBER	1 BEGINNING	DATE 100	ENDING DATE	101
01-003	01/01/2		12/31/2003	
BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As)			S PHONE	102
BUSINESS'SITE ADDRESS		510-	265-102	f 103
3423 Investment Blvd. Suite 8			·	103
CITY (INVESTMENT VITA , SWITE)	104	ZIP CODE		105
Hayward	CA		4545	
DUN & BRADSTREET 80-663-9394	106	SIC CODE (4 di	git #)	107
COUNTY			70 65	108
Alameda County				
BUSINESS OPERATOR NAME Jianwei Ho	109	BUSINESS OPE	ERATOR PHONE 265-1027	110
II. BUSINES	SOWNER	510-	303-1027	
OWNER NAME	111	OWNER PHON	E C	112
Jianwei Ho		510-	713-8769	
owner Mailing Address 34379 Benedick Lane			/	113
CITY	114 STATE	115	ZIP CODE	116
Fremont	CA	}	ZIP CODE 94555	
III. ENVIRONMEN				110
contact NAME Vivien Chen	117	510 - 2-6		118
CONTACT MAILING ADDRESS		1 30- 30.	3 100 1	119
3423 Investment Blvd. Suite 8				
Hayward	STATE	4 4	ZIP CODE 94545	122
- PRIMARY - IV. EMERGENC			- SECONDARY -	128
NAME VIVIOU Che in	NAME X	a Via		126
TITLE 124	TITLE		. / 8	129
Operations Manager	tacili	ry Supi	ervisor	
BUSINESS'PHONE $510-265-102$	BUSINESS PHONE	10-265-	0265	130
24-HOUR PHONE	24-HOUR PHONE		70	131
510-584-7179	<i>b</i> .	50-678	-4073	
PAGER or CELL PHONE # 510 - 589 - 7179	PAGER or CELL PH	ONE # 50 - 678	8-1073	132
		50-010	0-40/2	
ADDITIONAL LOCALLY COLLECTED INFORMATION: Check applicable. This form is accompanied by new or modified Hazardous Mate		h awi a al Dagawia	ation Farma(a)	133
This form is the annual submittal. There are no changes to the	·	_		nsed
This location is on property not owned by the business owner.				
This facility is a recycler and files a Recyclable Materials Repo	• •	1	1 10,	
Contiferation Decades and a section of the continue of the con	for obtaining the first			. 414 1
Certification: Based on my inquiry of those individuals responsible have personally examined and am familiar with the information subm				
SIGNATURE OF OWNER OPERATOR OR DESIGNATED REPRESENTATIVE	DATE 134		UMENT PREPARER	135
N. Marine	2/12/04	1/.4/	ion Cha	
NAME OF GIVER (priny) 136	- - - -	VIVI	en chen	137
1/11/10 Clapas	Onne	tions Wi	anouel	
A. AIGH CHON	1 perec	4 1000 7.0		

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HAYWARD FIRE DEPARTMENT

MICHIECO OWNED/ODEDATOR IDENTIFICATIO

BUSINESS OWNER/OPERATOR IDENTIFICATION FACILITY INFORMATION

I. IDENTIF	CATION	1186			7 3
0 1 - 0 0 3		NING I	OATE 100 200 2	ENDING DATE	101
BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) Sictium, INC. BUSINESS SITE ADDRESS				S PHONE 265-1027	102
BUSINESS SITE ADDRESS 3423 Investment 13/Vd. Suite 8					103
Hayward	104	CA	ZIP CODE	45	105
DUN & BRADSTREET \$6-663-939 4		106	SIC CODE (4 di		107
COUNTY Alameda County					108
BUSINESS OPERATOR NAME Jikukei Ho		109	BUSINESS OPE	RATOR PHONE	110
II. BUSINES	SOWNER				
OWNER NAME JIMWEI HO OWNER MAILING ADDRESS	E-200-00-00-00-00-00-00-00-00-00-00-00-00	111	OWNER PHONE	: 713-8769	112
34379 Benedick Lane					113
Fremont		CA	115	2IP CODE 94555	116
contact NAME VIVIAN Chen	ITAL CONT	The same of the sa	CONTACT PHO	65-1027	118
contact mailing address 3423 Investment Blvd. Suite 8			3/0-3	03-10-7	119
Hayward	120 ST	CH CH	121	2IP CODE 9 4545	122
- PRIMARY - IV. EMERGENC	Y CONTACT			- SECONDARY -	
NAME Vivipy Chen	NAME	Xin	1. 41.	весопракт	128
Chief Financial Officer 124	TITLE Fac	cell Fo	Super	Visor	129
510-265-1027	BUSINESS PH		5 Super 0-265-	0265	130
24-HOUR PHONE 126 570 - 589- 7179	24-HOUR PHO	ONE 65	0-678	- 4073	131
PAGER # / 127	PAGER#			1	132
ADDITIONAL LOCALLY COLLECTED INFORMATION: Check applicable This form is the annual submittal and there are no changes to the This form is accompanied by new or modified Hazardous Mater This location is on property owned by someone other than the but	hazardous m	- Che	mical Descripti	on forms.	133
Certification: Based on my inquiry of those individuals responsible f have personally examined and am familiar with the information submit	or obtaining th	ne infor	mation, I certify information is tr	under penalty of lav	w that I
SIGNATURE OF OWNER/OPERATOR OR DESIGNATED REPRESENTATIVE	DATE	134	TO BE SELECTION OF	MENT PREPARER	135
NAME OF STONER (print) 136	4/3/0	ER	Commen	n Chen	137
YING XIN	Facrti	ry	Juper Visa	91	
See Instructions A: Business Owner/Operator Identification		1		Page o	f

HAYWARD FIRE DEPARTMENT 777 B Street, Hayward, CA 94541-5007 A Certified Unified Program Agency

HAZARDOUS MATERIALS BUSINESS PLAN / HAZARDOUS MATERIALS INVENTORY

CERTIFICATION STATEMENT

FOR REPORTING YEAR 2003

If no change in your hazardous materials inventory has occurred since you submitted a complete Hazardous Materials Business Plan (HMBP), you may comply with the annual inventory reporting requirements of **State law** by completing, signing, and submitting this Certification Statement... ONLY IF ALL THE FOLLOWING APPLY:

- (1) You have previously filed a complete HMBP within the past three years;
- (2) You, as the business owner or its officially designated representative, can sign and attest to all the statements in this Certification Statement; AND
- (3) You are not using the certification statement to comply with the annual federal reporting requirements under the Emergency Planning and Community Right-to-know Act (EPCRA).

Regardless of whether a change has occurred or not, facilities subject to **federal law**, EPCRA, must annually submit the following documents: (a) Business Activities page; (b) Business Owner/Operator Identification page; and (c) Chemical Description page for each reportable federal Extremely Hazardous Substance (EHS). Note that a Chemical Description page for an EHS must contain an original signature.

I CERTIFY UNDER PENALTY OF LAW THAT:

I have personally examined and am familiar with the information referred to or submitted in this and all attached documents. Based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

I FURTHER CERTIFY THAT:

- (1) the information contained in the Hazardous Materials Inventory Statement (HMIS) most recently submitted to the Hayward Fire Department as part of this facility's Hazardous Materials Business Plan (HMBP) is complete, accurate and up-to-date;
- (2) there has been no change in the quantity of hazardous materials reported in the HMIS most recently submitted to the Hayward Fire Department; AND
- (3) no hazardous materials subject to inventory reporting requirements are being handled that are not listed in the HMIS most recently submitted to the Hayward Fire Department.

Name:	Me		Signature	e:	w4	XIN	
Title: Falso	7	mager	Date Sig	ned:	4/3	103	
Facility Name:	Biotium	n, Inc.					
Facility Address:	3423 /	rvostment	(3/vd.	Suite 8	Hay	ward, CA	9454.5

UNIFIED PROGRAM CONSOLIDATED FORM

HAYWARD FIRE DEPARTMENT

BUSINESS OWNER/OPERATOR IDENTIFICATION

FACILITY INFORMATION

	ICATION				
FACILITY ID#		NNING D	ATE 100	ENDING DATE	101
0 1 0 0 3	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		2002	12.31.202	
BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) Biotium , Inc			3 BUSINES	S PHONE 265. 1027	102
BUSINESS SITE ADDRESS 3423 Investment Blud. Ste 8					103
CITY Hayward RECEIVE	ED BY	CA	ZIP CODE 9454	(E	105
DUN & BRADSTREET FIRE PREVENT	FION OFFICE	106	SIC CODE (4 di		107
80663-9394	0 1000		2865	A CONTRACTOR OF THE CONTRACTOR	
Alameda County	0 2002				108
BUSINESS OPERATOR NAME HAYWARD FIRE Jianwei Ho	DEPARTMEN_	I 109	BUSINESS OPE	RATOR PHONE	110
II. BUSINES	S OWNER			(C) (C) (C)	Just 1
DWNER NAME Jian Wei Ho DWNER MAILING ADDRESS	10-7	111	OWNER PHONE	713. 8769	112
					113
34379 Benedick Lane	114	TATE	115	ZIP CODE	116
Fremont,		CA		94555	
III. ENVIRONMEN			and the season		118
ONTACT NAME Vivian Chen	1	17	CONTACT PHO	5. 1027	110
ONTACT MAILING ADDRESS			310. 20	5. 1021	119
3423 Investment Blud. Ste 8					Ton
Hayward	120 S	CA	121	2IP CODE 94545	122
- PRIMARY - IV. EMERG	ENCY CO	NTACT	S	- SECONDARY -	128
AME Virian Chen	NAME	(lan V		126
ITI E 12	4 TITLE	/	X X	in	129
Chief Financial Officer		F	acility :	Supervisor	
USINESS PHONE 12 5/0.265. 1027	BUSINI	ESS PHO	10. 265.		130
4-HOUR PHONE 12	6 24-HOU	JR PHON		1021	131
510.589.7179		6	50. 678.	4073	
	7 PAGER	#			132
AGER#					
	havas				12
DDITIONAL LOCALLY COLLECTED INFORMATION: Check applicable		naterials	inventory At	tachment 6 enclosed	13
DDITIONAL LOCALLY COLLECTED INFORMATION: Check applicable This form is the annual submittal and there are no changes to the	e hazardous r				13
DDITIONAL LOCALLY COLLECTED INFORMATION: Check applicable This form is the annual submittal and there are no changes to the This form is accompanied by new or modified Hazardous Mater	e hazardous r rials Inventor	ry – Che	mical Descript	ion forms.	13
DDITIONAL LOCALLY COLLECTED INFORMATION: Check applicable This form is the annual submittal and there are no changes to the This form is accompanied by new or modified Hazardous Mater This location is on property owned by someone other than the bulleting of the companies of	e hazardous r rials Inventor usiness owne for obtaining	ry – Che r. Attac the info	mical Descript hment 7 enclos mation, I certify	ion forms. sed. y under penalty of law tha	at I
DDITIONAL LOCALLY COLLECTED INFORMATION: Check applicable This form is the annual submittal and there are no changes to the This form is accompanied by new or modified Hazardous Mater This location is on property owned by someone other than the be Certification: Based on my inquiry of those individuals responsible ave personally examined and am familiar with the information subm	e hazardous r rials Inventor usiness owne for obtaining nitted and bel	ry – Che r. Attac the info	mical Descript hment 7 enclose mation, I certify information is t	ion forms. sed. y under penalty of law the rue, accurate, and comp	at I
ADDITIONAL LOCALLY COLLECTED INFORMATION: Check applicable This form is the annual submittal and there are no changes to the This form is accompanied by new or modified Hazardous Mater	e hazardous rials Inventoriusiness owner for obtaining nitted and believed and beli	the infoieve the	mical Descript hment 7 enclose mation, I certify information is t	ion forms. sed. y under penalty of law tha	
DDITIONAL LOCALLY COLLECTED INFORMATION: Check applicable This form is the annual submittal and there are no changes to the This form is accompanied by new or modified Hazardous Mater This location is on property owned by someone other than the be Certification: Based on my inquiry of those individuals responsible have personally examined and am familiar with the information submit	thazardous rationals Inventorials Inventorials Inventorials owner usiness owner for obtaining nitted and believed and beli	the infoieve the	mical Descript hment 7 enclose mation, I certify information is t	ion forms. sed. y under penalty of law the rue, accurate, and comp UMENT PREPARER	at I

HAYWARD FIRE DEPARTMEN 1 777 B Street, Hayward, CA 94541-5007 A Certified Unified Program Agency

HAZARDOUS MATERIALS BUSINESS PLAN / HAZARDOUS MATERIALS INVENTORY ATTACHMENT 7

PROPERTY OWNER INFORMATION

The property where the business or facility is located is not owned by the business or by the business owner/operator.

Contact Information for the property owner follows:

Name of Property Owner PGP Partners, Inc. / David Weinstein
(If a business, provide Name of Contact)
Mailing Address 26,20 Eden landing Road, Ste. 2 Hayward, CA 94545
Telephone Number 570 - 783 - 1513
Fax Number, if available 510 - 783 - 1318
Above Information provided by:
Name: Vivien Chen Signature:
Title: Date Signed:
Facility Name: Brotium, Inc.
Facility Address: 3423 Investment Blvd. Ste. 8 Hayward, CA94545

nified Program Consolidated Fo

Hayward Fire Department

Hazardous Material Inventory - Chemical Description

²⁰⁰ ☐ Add ☐ Delete	☐ Revise	Page / of <u>2</u>		
Business/Facility Name: ³	Biotium, Inc			
Chemical Location: 201	Corner of Lab bench housing the Water Prep HPLC and ABI Expediate 8909 Oligo Synthosizer	Chemical Location Confidential? (EPCRA) □Yes 爲No 202		
Facility ID Number: 1	01-003- Map Number: 2 ²⁰³	Grid Number: V5 204		
Chemical Name: 205	Compressed Helium	Trade Secret? ^{2∪6} ☐ Yes ☒No		
Common Name: 207	Helium	EHS Listed? ∠∪8 ☐Yes ☑No		
CAS Number: 209	7440-59-7	CalARP Listed? ^{208-A} □Yes ☒No		
Uniform Fire Code Hazard Classes 210 (Check all boxes that apply to this chemical and write in the appropriate Class number or letter. See Attachment 1 – Hazard Classes.)	Physical Characteristics □ Explosives/Blasting Agents □ Flammable Solid □ Class □ Flammable Liquid □ Class □ Unstable Reactive □ Class □ Oxidizer □ Class □ Organic Peroxi□ Flammable Gas □ Class □ Pyrophoric ▼ Non-Flammable Gas	tive ☐ Corrosive ☐ Radioactive		
Type of Material 211	☑Pure ☐Mixture ☐Waste Radioactive? 212 ☐ Y			
Physical State 214	□Solid □Liquid ☑Gas Curies 213	Curies Ratings 1 0		
Federal Hazard Categories Check all that apply	☐ Fire ☐ Reactive ☒ Pressure Release ☐ Æ	Acute Health		
Largest Container 215 200 cu ft (Cylinder) 221 Units Gallons Cubic Feet Annual Waste Amt. 219 None				
Ave. Daily Amount ²¹⁷	1 cuft at SIP	State Waste Code 220		
Max. Daily Amount ²¹⁸	If EHS-Listed or CalARP-Listed, amounts must be in pounds.	No. of Days on Site 222		
Storage Container ²²³	Above Ground Tank □ Can □ Box □ Under Ground Tank □ Carboy □ Cylind □ Tank Inside Building □ Silo □ Glass □ Steel Drum □ Fiber Drum □ Plastic □ Plastic/Nonmetallic Drum □ Bag □ Tote E	Bottle Other		
Storage Pressure 224	☑ Ambient ☐ Above Ambient ☐ Below Ambient	If EPCRA, sign here:		
Storage Temperature 225	☑ Ambient ☐ Above Ambient ☐ Below Ambient	☐ Cryogenic		
% Weight	Hazardous Components (for mixture or waste only) EHS	Listed? C A S No.		
1. 100 226		No 228 7440-59-7 229		
2. 230	²³¹ □ Yes	□ No ²³² 233		
3. 234	²³⁵ □ Yes	□ No ²³⁶ 237		
4. 238	²³⁹ ☐ Yes	□ No ²⁴⁰ 241		
5. ²⁴²	²⁴³ □ Yes	□ No ²⁴⁴ 245		
If more hazardous compo	nents are present at greater than 1% by weight if non-carcinogenic, or attach additional sheets of paper reporting the required inform	0.1% by weight if carcinogenic, nation.		

See Instructions B: Hazardous Material Inventory - Chemical Description

fied Program Consolidated For

Hayward Fire Department

Hazardous Material Inventory - Chemical Description

²⁰⁰ ☐ Add ☐ Delete	One page per n	naterial per location or al	rea)		Page 2 of 2	
Business/Facility Name: ³	Biotium, Inc.					
Chemical Location: 201	Corner of Lab Bench Moasing ABI Expediate Cligo Synth	g the Water HPL besizer in Chemic	cal Lab [ation Confidential? (EF	PCRA) 202
Facility ID Number: 1	<u> </u>	Map Number: 2	203	Grid Numbe	r. <i>V5</i>	204
Chemical Name: 205	Compressed Argon		Т	rade Secre	et? ²⁰⁶ □Yes	Мо
Common Name: 207	Argon		E	HS Listed?	yes ☐Yes	⊠No
CAS Number: 209	7440-37-1		C	CalARP List	ed? ^{208-A} Yes	₽No
Uniform Fire Code Hazard Classes Check all boxes that apply to this chemical and write in the appropriate Class number or letter. See Attachment 1 - Hazard Classes. Physical Characteristics Physical Characteristics Health Characteristics Explosives/Blasting Agents Flammable Solid Toxic Sensitizer Class						
Type of Material 211	⊠Pure □Mixture □Waste	Radioactive? 212	²	⋈ No	NFPA 704	0
Physical State 214	□Solid □Liquid ☑Gas	Curies 213		Curies	Ratings 1	$\langle \rangle$
Federal Hazard Categories Check all that apply	☐ Fire ☐ Reactive	Pressure Release	☐ Acu	te Health	☐ Chronic Heal	th
Largest Container 215	50 cu ft (Cylinder) 221 Unit	ts 🛘 Gallons 📈	Cubic Feet	Annual V	Vaste Amt. ²¹⁹	one
Ave. Daily Amount ²¹⁷	cuft at STP	☐ Pounds ☐	Tons	State Wa	aste Code ²²⁰	/ /4
Max. Daily Amount 218	(If Eh	IS-Listed or CaIARP-List ts must be in <u>pounds</u> .	ted,	No. of Da	ays on Site 222	A
Storage Container ²²³	☐ Under Ground Tank ☐ Tank Inside Building ☐ Clean ☐ Steel Drum ☐	∃ Can ∃ Carboy ∃ Silo ∃ Fiber Drum ∃ Bag	☐ Box ☐ Cylinder ☐ Glass Bot ☐ Plastic Bo ☐ Tote Bin		☐ Tank Wagon ☐ Rail Car ☐ Other ☐	
Storage Pressure 224	Ambient	t 🔲 Below Ambi	ient	If EPCR	A, sign here:	
Storage Temperature ²²⁵	Ambient	t 🔲 Below Ambi	ient 🗆 (Cryogenic		
% Weight	Hazardous Components (for mixture	e or waste only)	EHS Lis	ted?	CAS No.	
1. /00 226	Argon	227	□Yes ⊠l	000	7440-37-1	229
2. 230			□ Yes □ I	No ²³²		233
3.			□ Yes □ I			237
4. 238			□ Yes □ t			241
5. 242		4	□ Yes □!			245
If more hazardous compo	nents are present at greater than 1% by attach additional sheets of pa	weight if non-carcing the required the requirement of the requirement	ogenic, or 0.1 uired informat	% by weigh ion.	nt if carcinogenic,	

Emergency Response Plan

FOR	Biotium	, Inc
	/AL /F 10.1	

(Name of Facility)

A. Internal and External Notification

A.1 Notification of the Hayward Fire Department: The following persons, in the order of responsibility, shall notify the HFD in the event of a spill, release or threatened release. (If the person first named is not available, the second person will assume notification responsibility... and on, down the list.)

Title	Phone no.
General Manager	510.265.1027
Director, chemical Lab	570.364 4568
Supervisor, Chemical Lab	650. 678. 4073
	General Manager

Procedures for Notification of the Hayward Fire Department:

DO NOT CALL ANY FIRE STATION DIRECTLY.

DO NOT leave a message on any Fire Department Administrative Office phone.

CALL the Fire Department via 9-1-1 as soon as a person has knowledge of a release or threatened release. This applies to emergencies only. Use 911 for notifications of any active spills of any type of hazardous materials. Inform the Dispatcher of the nature of the call (Emergency).

For non-emergency situations, call the City of Hayward Dispatch Center at (510) 293-7000. Inform the Dispatcher of the nature of the call (Non-emergency).

WHEN USING A CELLULAR PHONE, DO NOT CALL 9-1-1 unless you are trying to get the California Highway Patrol. To reach the City of Hayward Dispatch Center by cell phone, call (510) 293-7000.

Information to provide the Fire Department:

- 1. Identify yourself and provide a callback phone number.
- 2. Provide the address of the facility and spill location on the site.
- 3. Specify the name of a contact person who shall meet the Emergency Responders and where he or she would be at the site.
- 4. Provide any available and pertinent spill information known at the time the report is being made.

A.2 Notification of State OES and other governmental agencies:

The State Office of Emergency Services shall be notified immediately when a release or threatened release will have significant off-site consequences or if the Federal EPA National Response Center is to be notified based on Federal notification thresholds. Following is a listing of the agencies that may need notification based on your facility's operations, materials and thresholds. ADD TO THE LIST AGENCIES/COMPANIES SPECIFIC TO YOUR FACILITY.

Agency	Phone
Hayward Fire Department Dispatcher:	9-1-1 or from a cell phone,
Call for Emergencies and Spill Notification	(510) 293-7000
State Office of Emergency Services Notification Center	1-800-852-7550
Hayward Fire Department Hazardous Materials Office (for information on regulatory issues and waste disposal, not for notification of spills/releases)	510-583-4910
Hospital: St. Rose Hospital	510-264-4026
Kaiser Permanente Medical Center - Hayward	510-784-4270
Other Medical Center:	
Water Pollution Control Facility	510-293-5398
Hazardous Waste Contractor:	
Bay Area Air Quality Management District	415-771-6000
Alameda County Water District	510-659-1970
Regional Water Quality Control Board	510-622-2300

A.3 Internal Notification Procedures:

List the names and telephone numbers of other Company officers/personnel (business owner, safety coordinator, emergency response team members, etc.) who must be notified upon discovery of a release:

Title	Name	Phone Number
Assistant Property Manage	er Diana Baker	510. 783. 1513
(Eden Landing managed		
by PGP Partner > Inc)		

A.4 Alarm and Notification Systems:

Describe internal alarm/notification systems (for example: pull stations, yelling, intercom)

System Type	Location(s) (name areas covered by the system, such as office, warehouse, manufacturing, etc.)	How Activated (automatic or manual? by whom? when?)	
automatic fire sprinkler system			
fire/haz mat pull stations			
intercom			
yelling	trom front office to Lab	by person who first notice	es Pros
chemical detection system			
other extinguishing systems	fire extinguisher in hall way	manually used by traine personnel	d
	2 lab		

B. Evacuation

- B.1 Attach a map showing evacuation routes & meeting points.
- B.2 Describe how the evacuation will be announced to employees and to others on site:

We are operated in a small 3-4 room enviornment.
In the case of Pinergency, evacuation can be informed to all employees by yelling I warking around the faulity.
all employees by yelling I walking around the faulity.

B.3 Describe when an evacuation will be required (conditions, chemicals, etc):

	, 1
The only hazard material regulres reporting is	compressed
helium tank (or Argon 1-all are inert	
leads to evacuation even in the event of lead	/ /
under limit chemicals used in the lab might	, ,
early in the event of fire or large spill.	

B.4 To where will employees and others be evacuated?

outside location	Where?	Out to	front door	to the	parking lot
inside location	Where?	or out to	rear door	to the	back yard.

B.5 Maintain a roster of personnel at the evacuation point to account for all employees.

Primary Roll Monitor:	Vivian	chen,	General Manager	
Secondary Roll Monitor:	Xing	Xin,	Los Supervisor	

C. Spill Procedures:

Whenever there is an imminent or actual emergency situation such as an explosion, fire, or chemical release, the <u>emergency coordinator</u> or other trained personnel shall do the following:

- (a) Identify the character, exact source, amount and extent of any released hazardous materials.
- (b) Assess possible hazards to human health or the environment that may result from the explosion, fire, or chemical release. This assessment must consider both direct and indirect effects. (e.g. the effects of any toxic, irritating, or asphyxiating gases that may be generated; or the effects of any surface water run-off from water or chemical agents used to control fire)
- (c) Monitor for leaks, pressure build-up, gas generation, or ruptures in valves, pipes, or other equipment that have been shut down in response to the incident.
- (d) Take all reasonable measures necessary to ensure that fires, explosions, and chemical releases do not occur, recur, or spread to other areas at the facility.

Appendix #1 to the Emergency Response Plan – Spill Procedures describes specific spill/release procedures

Appendix #2 to the Emergency Response Plan – provides a listing of the emergency response equipment

Appendix #3 to the Emergency Response Plan –
Additional Spill Procedures for Underground Storage Tanks
describes specific procedures for UST spills, leaks, and alarm situations

For all reportable spills the following actions are to be taken concurrent with notifications:

- Isolate the spill area.
- Evacuate the area/building, if necessary, per the evacuation plan.
- Keep unnecessary employees/persons at a safe distance from the incident.
- Identify Hot, Medium and Cold Zones, as needed. (These are areas that will dictate the type of personal protective equipment required of people who will be in the specified zones.)
- Set-up a command location for oversight of the response and/or for coordination with the Fire Department.
- If an <u>Emergency Response Team</u> is established, coordinate all activities through the Incident Commander at the Incident Command Post.
- If no Emergency Response Team is required, establish a spill response, mitigation, and cleanup plan and convey the information to those involved and to the Fire Department.
- Carry out spill procedures as indicated in Appendix #1 to the Emergency Response Plan.

D. Coordination with the Hayward Fire Department

- A designated employee shall meet responders at a designated location.
- The employee will be the Fire Department liaison and shall advise the Fire Department of facility information, including but not limited to layout of the facility, nature of the spill, hazards of material, ability of facility personnel to mitigate and cleanup the spill, location of facility spill response equipment, etc.
- The employee will escort the Fire Department to the spill location or incident command post, if one has been established.
- The employee or a spill coordinator will assist in the coordination between facility response personnel and the Fire Department response personnel as needed.
- D.1 Describe and identify the most commonly used (or most likely) entry and/or meeting location for Fire Department response:

FD entry location	Back door of the Lab located in Grid	of Location Map.
FD/facility meeting location	Backyard of the facility	Majs.

D.2 Emergency Coordinators:

Primary Coordinator	Secondary Coordinator	
Name: Vivian Chen	Name: Xing Xin	
Title: General Manager	Title: Lab Supervisor	
Work Phone: 5/0.265. (027	Work Phone: 650. 678: 4073	
After-hours Phone: 510. 589. 7179	After-hours Phone: 650. 574. 2655	
Pager:	Pager:	

D.3 Private and Public Arrangements:

(Check applicable statements.)

X	We have no formalized written agreements with any private emergency response contractor.		
A	We have a formalized Emergency Response Team.		
	We conduct drills/training with the Hayward Fire Department		
	☐ We have formalized written agreements with the following companies:		
Name of Compa	ny		
Address			
Phone (include a	fter-hours)		

Name of Company	
Address	
Phone (include after-hours)	
Contact Person	

Contact Person

E. Resumption of Normal Operations, Cleanup and Disposal:

Before operations are resumed in areas of the facility affected by the incident, the following actions shall be conducted:

	Action	Person Responsible
1)	Provide for proper storage and disposal of recovered waste, contaminated soil or surface water, or any other material that results from an explosion, fire, or chemical release at the facility.	Fei Mao, Director of Chemical Lab
2)	Ensure that no material that is incompatible with the released material is transferred, stored or disposed of in areas of the facility affected by the incident until cleanup procedures are completed.	Fei Mao
3)	Notify the Hayward Fire Department Hazardous Materials Office that the facility is in compliance with requirements (a) and (b) above.	Vivien Chen. General Managor
4)	If an evacuation was made, the area evacuated shall be surveyed and a determination made that there are no hazards to returning employees. If the spill was likely to have produced an atmosphere in which concentrations of hazardous materials exceeded allowable levels, actions shall be taken to verify that breathing zones are safe to returning employees. Use of monitoring devices or sampling may be required for verification.	Fei Mao, Director ey. Chemical Lab.

F. Reporting:

A written report documenting the spill response actions taken, the cleanup and disposal activities, including copies of receipts/manifests for disposal, and an analysis of the cause of the spill/release will be sent to the Hayward Fire Department. Recommendations and time schedule for correction of any deficiencies in equipment, procedures or training will also be included in the report.

Send the report to the Hazardous Materials Office of the Hayward Fire Department within 30 days of the incident. If the incident requires a report to the California OES (depending on quantity released) it shall be done on the State OES form within 30 days of the spill and a copy submitted to the Hazardous Materials Office.

Name of person responsible for reports	Fei Mao
Title	Virector of chemical Lab
Telephone Number	510. 265. 1027

EMERGENCY RESPONSE PLAN - APPENDIX 1

SPILL PROCEDURES

Provide spill procedures for the following situations (as they apply to your facility):

Describe the types of spills that might occur and briefly describe the actions to be taken when they do occur. Use terms like: contain, absorb, dike, spill kit, drain, pump, place into container, sweep, shut off, in your description. For indicating type of Personal Protective Equipment (PPE) use levels designated by OSHA:A, B, C,D. Indicate if you made modifications in your case. If power is to be shut off or some equipment needs to be shut down, please describe the procedures, naming the employees involved and describing where shut off valves or switches are located.

Type of Emergency	Response Actions	Person Responsible	PPE
Hazardous Material Spills at/from:	The most significant source of trazardous material spills might come from pressure	- champles / /	Z
WorkstationsContainersDrumsPiping	Argon/Helium Gas stored in the cylinder Overexposure of these gases will cause oxyg		
 Tanks (Cylinder) Trucking area Rail Transfers Other 	deficient environment. Therefore remove victim(s) to fresh air as quickly as possible not breathing, give artificial respiration	j	
	In case of a release clear the affected area and protect people. Allow the gas.		
Hazardous Waste Spills/Releases:	The main component of our waste is organic solvent which stored in anti-	Fei Mau, Director of Chemic	al Lab
ContainersDrumsTreatment systemTrucking	flammable drum. Once spilled, pose a serious fire hazard. So distant ignition and flashback are possible.		2
	clear the affected area and protect personnel. Fire-retardant protective		
	Clothing, gloves resistant to tears, (Level B) equipment should be equip	ped.	

Type of Emergency	Response Actions	Person Responsible	PPE
Fire: Call 9-1-1 immediately to report any fire	An extinguisher may be used for fires that can be attacked within 2 minutes by trained personnel. Describe the fire protection and alarm systems that are present in your facility.	Fei Mao, Director of Chemical Lab	3
Immediately evacuate all personnel	Kidde Dry Chemical Fire Extinguisi (PUII, aim, squeeze & Sweep)	per	
Explosion: Call 9-1-1 immediately to report any fire	Identify if there are explosion hazards and if there are systems in place to mitigate or detect such hazards. Provide any specific operations that you have. No explosion hazards		3
Immediately evacuate all personnel	700 00 00 00 00 00 00 00 00 00 00 00 00		
Earthquake: Duck and take cover under a table or doorway	Identify areas requiring immediate attention. Both Front Door & Back Door		
Get out and stay away from falling hazards	aire within reach. Exit pither door will lead to open outside area.		
Other:			

EN GENCY RESPONSE PLAN - APPL DIX 2

LIST OF EMERGENCY RESPONSE EQUIPMENT

Equipment Category	Equipment √ if available	Location	Description: specify type and quantity
Personal Protective Equipment, Safety Equipment, and First Aid Equipment	Chemical Protective Boots	1111 271	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	Chemical Protective Gloves	benchos	Latex aloves (12 boxes
	Safety Glasses/Goggles/Face shields	2 W	Goggles: 3 / face shield: 1
	Chemical Protective Clothing	WS	Lab coats (10)
	Hard Hats		-×
	Chemical Monitoring Equipment (describe)		
	First Aid Kits	U 4	Total Rossurce First Aid Kit: 1
	Eye Wash Stations	US,	Total Rosource First Aid kit: 1
	Safety Showers		
	Cartridge Respirators	WS	North Full face piece Respirator (
	SCBA units		
	Other (describe)		
Fire Extinguishing Systems	Fire Extinguishers		Kidde Dry Chamical 3A: 40B:C
	Fire Hose		/ 28/11/
	Foam with nozzles/hose		
Spill Control Equipment, and Decontamination Equipment	Absorbents, Neutralizers		
	Shovels/Brooms/Squeegees		
	Overpack drum/Spill drum		
	Absorbent booms/pillows/pads		
	Decontamination Equipment (describe)		
	Gas cylinder leak repair kits (describe)		
	Other (describe)	V3	Hazorb Spill Response kit
Communication and Alarm Systems	Telephones		
	Intercoms/PA systems		land phones: 3 Cell phones: 2
	Portable 2 way radios		
	Pull Station alarms		
	Automatic alarms		ADT Security System

EMERGENCY RESPONSE PLAN – APPENDIX 3

ADDITIONAL SPILL PROCEDURES FOR UNDERGROUND STORAGE TANKS

Not applicable

Provide spill procedures for the following situations (as they apply to your facility):

Describe the actions to be taken in response to the requested information on column I of the table below. Note that the activation of an underground storage tank alarm system requires the notification of the Hayward Fire Department. If any spill or release of material has occurred into the environment, onto the ground or pavement or into a containment system, notification is required immediately. Call 9-1-1! If there is no apparent release but the alarm sounded, call 510-583-4910 and inform the Hazardous Materials office. Failure to notify will be considered a violation and can result in penalties or fines of up to \$1,000 per day per violation.

Type of Incident Involving UST and Monitoring and Alarm Systems	Actions to be Taken What does attendant do? Who should be called? What does the owner do? What does the fuel supplier do?	Person Responsible and Contact Number
What to do when monitoring system indicates a leak		
What to do when fuel is spilled on surface pavement or ground during filling or dispensing		
Describe available spill- control equipment. Where located? How maintained?		
Which contractor is called in for alarm or spill situations?		
Which contractor is called in for contaminated fuel and hazardous waste disposal?		
How is the Fire Department notified when the monitoring alarm goes off?		

EMERGENCY RESPONSE TRAINING PLAN

1. Scope

This plan is designed to provide employees with hazardous materials and hazardous waste that will satisfy the requirements of the California Health and Safety Code Chapter 6.95 and Chapter 6.5.

Facility Name:	Biotium, Inc
Address:	3423 Investment Blud. Suite 8, Hayward.
Main Activity:	Manufacturing & sales of fluorescent dyes.
Buildings or Areas where hazardous waste or hazardous materials are found:	In the back of the facility - chemical Lab

2. Responsibilities

The following persons are responsible for ensuring that this Training Plan is implemented:

Training Responsibility
Prepare, Organize & Document
Overall in charge of implementation
_

3. Employe	es/New Emp	loyees
------------	------------	--------

Attachment T1 documents each employee's training.

New employees are trained during orientation, before starting on a job. YES

YES NO

New employees are trained within six months of hire date.

YES INO

4. New assignments or Changes in Operations

In the event of new assignments or of changes in operation, affected employees are trained before the new assignment or the change in operation takes place.

☑ YES

□ NO

Attachment T2 documents re	efresi	ner training.		
Refresher Training is provided	at lea	ast annually.		□ NO
How often is refresher training	Every /2	months		
Refresher Training is done thro Outside classes Safety Meetings		(check all that apply) In-house classes provided by contractor In-house classes conducted by in-house *(Complete Attachment T4 to document quant	trainers*	nouse trainers

6. Training Topics

The following table indicates the training topics covered. Other documents on these training topics are maintained and are available to the inspector upon request.

Training Topics	Is To	pic Cov	Are Course		
Training Topics	YES	NO	N/A	Documents Available?	
General Safety Precautions:					
Material Safety Data Sheets	X				
Nature and hazards of materials present	×				
Emergency Response:					
The Emergency Response Plan	X				
Notification/coordination with local agencies	×				
Procedures for use, inspection, repair, and replacement of facility emergency response and monitoring equipment			X		
Communication and alarm systems	Χ				
Response to fires or explosions	×				
Response to release or threatened release of hazardous materials	×				
Hazardous Waste Management:					
On-site management and storage requirements	X				
Packaging and labeling	×				
Proper use of safety equipment			X		
Proper use of hazardous waste management supplies	X				
Off-site transportation requirements		X	·		
Interaction with waste haulers and disposal sites	X				
Conducting periodic inspections (storage areas, tanks etc.)	×	_			
Key parameters for automatic waste feed cut off systems	×				
Response to groundwater contamination incidents			X		
Shutdown of operations	人				

7. Emergency	Response	Team
--------------	----------	------

The facility has a formally organized Emergency Response Team. Attachment T3 lists the members of the Emergency Response Team.	Ø	YES	0	NC
Team will coordinate with HFD to conduct at least one drill per year.	这	YES		NO
Team will coordinate with HFD to conduct coordination training at least once per year.	夕	YES		NO
After each incident, the Team will meet with the HFD for a joint post-incident evaluation	ı. 🔯	YES		NO

8. Training Topics by Job Title

Employees are trained based on their level of involvement in the handling, use, or generation of hazardous materials or hazardous waste.

Attachment T1 details the topics each employee has had training on.

9. Training Documentation

The following employees are responsible for the maintenance and update of this Emergency Response Training Plan.

They shall also keep and maintain all training records and other documents associated with the Emergency Response Training Plan.

Name	Title	Phone Number
Vivian Chen	General Manager	510. 265.1027
	,	

Attachment T1 - Employee Training Record

Name of Employee: Fei Y Position/Title: director / Pl		Sta	ırt Da	ate: _	00	ilis	1	2)	Т	rans	sfer [Date	:				-	Ten	mina	tion	Date	o:				-
Job Description (hazardous materials handle	1		Co	nting	gene	су Р	lan			Lab	eling		Compatibility/Storage								anife	estin	ng	Chemical Hazards		
Employers: Check "\" the boxes for		Emergency Response Plan	Guidelines for emergency medical care	Notification/coordination with fire dept.	Emergency equipment use/maintenance	Spill response actions	Fire/explosion response	Emergency Coordinators	How to fill out labels	Accumulation start date	Labeling of tanks	Hazardous properties	Incompatibles - general /on-site	Weekly inspections	Closed containers - rags	90 day storage time	Aisle space regulation	Storage to minimize accidental release	Empty container regulation	When and how to use	Generator/TSDF copies	Record keeping	DOT Shipping names of facility wastestreams	DTSC exception reports	Material Safety Data Sheet use/information	Hazards of materials present
skills, education or qualifications r this position.)			>	>	>	>	>)	>	>	>	/)		>	>							>	>
Title of Class/Course Taken & Completed	Date Taken							Тор	ics a	and S	Skill	s Co	vere	ed at	the	Clas	ss/C	ours	e Ta	ken						
Biotium ERT training 1	09/3001	>	>	>	2	>	>	>	>	>	>	>	2	>	2	7	>	>							>	>
Biotium ERT training I	09/15/02	7		>	>	>))))	>)))	>	7	7	7							7	7
																			-		-	-		-		

Attachment T1 - Employee Training Record

Name of Employee: Xing Xin Position/Title: Lab Supervisor										_															
Job Description (hazardous materials handling):		Со	ntin	gene	су Р	lan			Labe	eling	'	Compatibility/Storage							М	anife	estir	ıg	Chemical Hazards		
supervise biochemical			-																			ams		L.	
Supervises bischemical synthesis & packing activity	Emergency Response Plan	Guidelines for emergency medical care	Notification/coordination with fire dept.	Emergency equipment use/maintenance	Spill response actions	Fire/explosion response	Emergency Coordinators	How to fill out labels	Accumulation start date	Labeling of tanks	Hazardous properties	Incompatibles – general /on-site	Weekly inspections	Closed containers - rags	90 day storage time	Aisle space regulation	Storage to minimize accidental release	Empty container regulation	When and how to use	Generator/TSDF copies	Record keeping	DOT Shipping names of facility wastestreams	DTSC exception reports	Material Safety Data Sheet use/information	Hazards of materials present
Employers: Check " $$ " the boxes for the skills, education or qualifications required by this position.	>		\nearrow	\nearrow		\wedge				>	>	\nearrow	/X	Λ		$/^{\sim}$	<i>/</i> ~							>	\langle
Title of Class/Course Date Taken & Completed Taken							Тор	ics a	nd S	kills	s Co	vere	ed at	the	Clas	ss/C	ours	e Ta	ken						
Biofium Emergonay 9/15/02	٥	7	7	/	/	7	7	/	7	7	7	7	7	7	7	7	7							>	
Biofium Emergenay 9/15/02 Response Training I																									
																							-		-
																									\exists
!	s I				1											1					1	,	1		

Attachment T1 - Employee Training Record

Name of Employee: Vivian Chen Position/Title: General Manage/	Sta	Start Date: <u>03/02</u> Transfer Date: Termination Date:																							
Job Description (hazardous materials handling):		Contingency Plan						Lab	eling]	Compatibility/Storage							M	anife	estir	Chemical Hazards				
Adminstrative, Sales, Accounting Packaging & Shipping	Emergency Response Plan	Guidelines for emergency medical care	Notification/coordination with fire dept.	Emergency equipment use/maintenance	Spill response actions	Fire/explosion response	Emergency Coordinators	out labels	Accumulation start date	tanks	properties	Incompatibles - general /on-site	pections	Closed containers - rags	age time	Aisie space regulation	Storage to minimize accidental release	Empty container regulation	When and how to use	Generator/TSDF copies	ping	DOT Shipping names of facility wastestreams	DTSC exception reports	Material Safety Data Sheet use/information	Hazards of materials present
	Emergency	Guidelines	Notification	Emergency	Spill respor	Fire/explos	Emergency	How to fill out labels	Accumulati	Labeling of tanks	Hazardous properties	Incompatib	Weekly inspections	Closed con	90 day storage time	Aisle space	Storage to	Empty conf	When and	Generator/	Record keeping	DOT Shipp	DTSC exce	Material Sa	Hazards of
Employers: Check " $\sqrt{\ }$ " the boxes for the skills, education or qualifications required by this position.	, \		7		7	•	7	7		>						•					>			7	>
Title of Class/Course Date Taken & Completed Taken	F6.						Тор	ics a	nd S	Skill	s Co	vere	ed at	the	Clas	ss/C	ours	e Ta	ken						
Biotium Emergency Response 09/30/6. Training I	/ \		>		`		7	7		7											7			7	7
Biotium Emergency Pospone 9/15/02 Training I	, Z		7	7	7	Z	7			7		>	7	7	7	7	7	7						2	7
Training I	-																								
																			-						\dashv

Attachment T2

Training Class Record - Refresher Training

DATE:	ТІ	RAINER/INSTRUCTOR:	
TRAINING T	TYPE: 🗇	PROFESSIONAL CLASS	S (outside)
	_	_	,
	_		
			4 for qualification of trainer
TOPICS COVERED			
General Subject			Details
		•	
ATTENDEES / PRES	<u>ENT</u>		,
Name		Title	Signature
		· ·	

Attachment T3 Hazardous Materials Emergency Response Team Members

Name	Title -	C	ontact Telep	hone Numbe	ers	40-hr ERT Refresher HazWOper last taken		Other Training Beyond
	Title	Work	Home	Cellular	Pager	(year)	(year)	HazWOper
Vivian Chen	General Manager	V		✓		planned		
Fei Mao	Director	V				. ,		
Xing Xin	Lab Supervisor	\checkmark				"		
·								

Definitions of Emergency Response Training Levels

Responsibility	Minimum Initial Training Required	Refresher Required	# of Hours Required
AWAR - First Responder Awareness Level: Identifies hazards; contains and cleans up small spills as part of routine work/maintenance; sounds alarm.	Hazard Communication Standard General Emergency Response and Evacuation	Yes	N/A
OPER - First Responder Operations Level: Contains spills from a safe distance.	8-hour Emergency Response (related to duties)	Yes	4
TECH - Hazardous Materials Technician Level: Responsible for spill control, clean-up and coordination with off-site responders.	40-hour Emergency Response (related to duties)	Yes	8
SPCLST - Hazardous Materials Specialist Level: Responsible for spill control, clean- up and coordination with off-site responders	24-hour Emergency Response (related to duties)	Yes	8

Attachment T4 Qualifications of In-House Trainer

List the name and qualifications of each person assigned training responsibilities. Include experience level, number of years, formal training, and any other reason used to establish that the person has the knowledge to provide training in a specific area.

Name and Title	Qualifications	Training Responsibilities
Fei Mas, ph.D. Chemisty director	12 years of experiences in handling a variety of hazardous chemicals, including storage as that trained chemical technicians in major blotoch companies on Safety and chemical handling familiar with federal and state regulations on chemical handling.	To train other employees in the facility on safety.
Xing Xin, Ph.D Lab Supervisor	variety of biohazardous chemicals. Has special training course for hazardous material in several vessa institute and university.	To supervise biodhemical lab rch synthesis and spackaging.

Not Applicable

Instructions F: Do you have to file a Recyclable Materials Report?

Answer the questions below and follow through the flow to determine whether or not you have to file a RECYCLABLE MATERIALS REPORT.

COMPLETE AND SUBMIT THIS PAGE WITH YOUR HMBP!

(1)	-	ou recycle more than 100 kilograms bounds) of material per month?	YES. Go to (2)	NO. Go to (4)
(2)	In oth	ou recycle your own waste? er words, do you recycle waste ated from this facility, at this facility?	YES. Go to (5)	NO. Go to (3)
(3)	recycl waste	her facilities send you their waste for ling? In other words, do you recycle generated from other facilities, facility?	YES. Go to (6)	NO. Go to (4)
	at tills	racinty:	1 ES. GO 10 (0)	140. 00 10 (4)
(4)		re NOT an onsite or an offsite recycler. Y Oclable Materials Biennial Report."	ou are NOT required to	o file a
	Check	the appropriate box below and we will note y	our declaration.	
(5)	You a	re a recycler and a generator. are required to file a State "Recyclable the appropriate box below and we will send y		Report."
(6)	You a gener	re a recycler but not the generator. are required to file a State "Recyclable ator that sends you its waste. the appropriate box below and we will send y		Report" <u>for each</u>
Please	e check	appropriate box below:		
	(4)	This facility is NOT a recycler.		
	(5)	This facility is a recycler and generator. Send a blank "Recyclable Materials Biennia"	ıl Report" form.	
	(6)	This facility is a recycler of other facility's Send (how many?) blank "Recyclabl		ort" form/s.
<u>Name</u>	of Facil	lity:		

COMPLETE AND SUBMIT THIS PAGE WITH YOUR HMBP!

Supplier of fluorescent and related blochemical reagents for hijs science research and drug discovery

3423 Investment Blvd.	Ste.8
Hayward, CA 94545 1	J.S.A.
Phone: 510-265-1027	
Fax: 510-265-1352	
http://www.biotiur	n.com
info@biotium.com	1

Substance	Quantity Total	/Year	info@biotium.com	
Chloroform	4 - 16L	16 yal	_	
Methanol	4 - 16L	16 80		
Ethyl acetate	4-16L	16 20		4
Ether	4-16L	14 gar		16
Hexane	4 - 16L	16 care		-20
Dimethyl formamide	4 -8L	1 " sal		96
Isopropyl alcohol	4 -8L	" Trick	-	12 0
Acetic acid	1 -2L	8,8		8 gar
Sulfuric acid	2-4L	0.5 and		11-0
Nitric acid	1 - 2L	55 8		1
Hydrochloric acid	1 - 4L	1		
Tetrahydrofuran	1-4L	1		119 gel
Acetonitrile	4 - 16L	16		11.0
Acetone	1-4L	/		
Ethanol	1-4L	1		
Triffuoro acetic acid	1L	0.13		1-
			150	9
			(1)	1
			Park	2/10
			Parke	
Name and Address o	Landlord		100	

Name and Address of Landlord

Pacific Golf Properties, Inc. 26120 Eden Landing Road Suite 2 Hayward, CA 94545 Tel: 510-783-1513

510-2651027 Vivien Chen

70 70H

RECEIVED BY EIRE PREVENTION OFFICE

H WARD FIRE DEPARTN IT

MAR 2 8 1996 HAZARDOUS MATERIALS MANAGEMENT PLAN (HMMP)

HAYWARD FIRE DEPARTMENT

COMMENTS:

1996 CERTIFICATION

Reviewed by:Date:
FIRE DEPARTMENT USE ONLY
Title: President Date: 3/27/96
(Type or Print)
Name: L. Jean Noroian Signature: Signature:
duly authorized to execute this certification on behalf of the business or facility named herein.
in this and all attached documents and that based on inquiry of those individuals responsible for obtaining information, I believe that the submitted information is true, accurate and complete. I further certify that I delt outlooking the execute this configuration on help of the business or facility named having
I certify under penalty of law that I have personally examined and am familiar with the information submit
Substantial changes have occurred in the facility since we last filed an HMMP. We are submittin new HMMP.
Changes to other sections of the HMMP, if any, are attached herewith.
Emergency Response Plan has been reviewed and required updating. Changes are indicated and submitted.
Emergency Response Plan has been reviewed and is correct. NO changes were necessary.
Emergency contacts and telephone numbers required updating. Changes are attached. Site map required updating. A new site map is attached.
Inventory forms required updating. Attached are new inventory forms.
Emergency contacts and telephone numbers are correct for 1996. NO changes are necessary. X Site map is correct for 1996. NO changes are necessary.
Inventory forms are correct for 1996. NO changes are necessary. Emergency contacts and telephone numbers are correct for 1996. NO changes are necessary.
HAS BEEN COMPLETED. I HAVE INDICATED BELOW ALL APPLICABLE CONCLUSIONS:
REVIEW OF THE COMPLETE HAZARDOUS MATERIALS MANAGEMENT PLAN, INCLUDI INVENTORY FORM, EMERGENCY CONTACTS, SITE MAP, AND EMERGENCY RESPONSE PLAN
DEVICENT OF THE COLOREST MAGAINAGES AND
MAILING ADDRESS: 3423 Investment Boulevard, Unit 8, Hayward, CA 9454
BUSINESS OWNER/OPERATOR: Corporation TEL.: 510-783-6960
FACILITY ADDRESS: 3423 Investment Boulevard, No. 8 Hayward CA 94545
FACILITY NAME: Trace Analysis Laboroatory, Inc.

HAWWARD FIRE DEPARTMENT

HAZARDOUS MATERIALS MANAGEMENT PLAN (HMMP) RECEIVED BY FIRE PREVENTION OFFICE

MAR OR TOP

1995 CERTIFICATIO	ľ	١
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FACILITY NAME: Trace Analy ste La borato	JAXWARD FIRE	DEDAL
FACILITY ADDRESS: 3423 Investment Blud, #8 Hay		10000
BUSINESS OWNER/OPERATOR: L. Jean Mosoian, Presiden	TY STATE TEL.: 5(0-783	ZIP 3-6960
- 10120-11	.ward, A	9 4501 ZIP
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MAILING ADDRESS: 3423 Investment 6/vd, 45, 1/a , ward, A 94501
CITY STATE ZIP
REVIEW OF THE COMPLETE HAZARDOUS MATERIALS MANAGEMENT PLAN, INCLUDING INVENTORY FORM, EMERGENCY CONTACTS, SITE MAP, AND EMERGENCY RESPONSE PLAN, HAS BEEN COMPLETED. I HAVE INDICATED BELOW ALL APPLICABLE CONCLUSIONS:
Inventory forms are correct for 1995. NO changes are necessary. Emergency contacts and telephone numbers are correct for 1995. NO changes are necessary. Site map is correct for 1995. NO changes are necessary.
Inventory forms required updating. Attached are new inventory forms.
Emergency contacts and telephone numbers required updating. Changes are attached.
Site map required updating. A new site map is attached.
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Emergency Response Plan has been reviewed and required updating. Changes are indicated and are submitted.
Changes to other sections of the HMMP, if any, are attached herewith.
Substantial changes have occurred in the facility since we last filed an HMMP. We are submitting a new HMMP.
I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents and that based on inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I further certify that I am duly authorized to execute this certification on behalf of the business or facility named herein.
Name: Li Jean Wordan Signature: Signature:
Title: 1/29/dont Date: 3/6/95

F	RE DEPARTMENT USE ONLY	
Reviewed by:	Date:	
COMMENTS:		



CERTIFICATION

1994

FEB 1 0 1994

HAYWARD FIRE DEPARTMENT

HAZARDOUS MATERIALS INVENTORY STATEMENT (HMIS)

I hereby certify that I have reviewed the last Hazardous Materials Management Plan submitted to the Hayward Fire Department for

Trace Anulysis (Name of Facility)	Laboratory Inc.
(Name of Facility)	
3423 Investment	Bollerard Suite 8
(Address of Facility)	

and have determined that:

the hazardous materials inventory has not substantially changed, and the last Hazardous Materials Management Plan submitted, including the Hazardous Materials Inventory Statement, is still accurate.

I certify further that, under penalty of perjury, the information contained in this certification and any documents referred thereto is, to the best of my knowledge and belief, true, accurate, and complete.

Signature

Louis DuRis, Vice President Printed Name & Title

Date signed

RECEIVED FEB 0 7 1994

HMMP

RECEIVED JAN 0 5 1993

279

(HAZARDOUS MATERIALS MANAGEMENT PLAN)

Prepared and submitted to the Hayward Fire Department in fulfillment of reporting POSTED requirements contained in the following laws, codes, and ordinance:

(a) Federal Superfund Amendments and Reauthorization Act of 1986 (SARA Title III);

Received By

RECEIVED BY LIAZARDOUS MATERIALS OFFICE

(b) Chapter 6.95 of the California Health and Safety Code;

SEP 2 0 1993

(c) Title 19 of the California Code of Regulations;

HAYWARD FIRE DEPARTMENT

(d) Chapter 3, Article 8 of the Hayward Municipal Code; and

seviend JS

(e) Article 80 of the Uniform Fire Code as adopted by the State of California and the City of Hayward.

REPORTING YEAR 1993

for

FACILITY ADDRESS: 3423 Investment Boulevard, Suite 8

Hayward, CA ZIP: 94545

FACILITY NAME: Trace Analysis Laboratory, Inc.

Section I - CERTIFICATION

I hereby certify under penalty of perjury that the information contained in this Hazardous Materials Management Plan is, to the best of my knowledge, true, accurate, and correct. I understand that I may be required to show proof of compliance with all City, County, State, and federal laws and regulations during any facility inspection conducted by City, County, State, or Federal authorities.

I further certify that I am duly authorized to execute this certification on behalf of the business or facility named above.

Authorized Signature: L. Jean Noroian

Printed Name and Title: L. Jean Noroian, President

Date Signed: 9/15/93

HAZARD S MATERIALS MANAGENT PLAN

Section II FACILITY IDENTIFICATION					
1.	Enter the full name of the business, as registered.	1.	Name of Facility Trace Analysis Laboratory, Inc.		
2.	Enter actual location of facility including suite number(s) and zip code. Do not give P.O. Box address.	2.	Facility Address 3423 Investment Boulevard, Suite8 Hayward, CA 94545		
3.	Complete only if different from "Facility Address."	3.	Mailing Address 3423 Investment Boulevard, Ste. 8 Hayward, CA 94545		
4.	Enter telephone number for the facility, at the actual address given in #2 above.	4.	Facility Telephone Numbers 510-783-6960		
5.	Enter name of business owner, general manager, or chief executive officer, and his/her telephone numbers.	5.	Executive/Administrative Contact L. Jean Noroian, President Telephone No. 510-783-6960 (During business hours) Telephone No. 510-521-7073 (After business hours)		
Section III BUSINESS INFORMATION					
1.	Give a brief description of products, processes and other business/industrial activities done in this facility.	1.	Nature of Business Analytical chemistry.		
2.	Operating Hours:				
Circle the days and enter the hours the facility is open for business and the total number of employees in the facility during those hours.					
	Day Shift		Swing Shift Night Shift		
Days Open Shift Hours Number of Employees Shift Hours Sam to 5pm 5		S	WTWTPSS MTWTFSS 4:30p to 1:00am to to		

3. Enter Standard Industrial (cation (SIC) code number for the primary process/activity done in this facility - A copy of the 1987 SIC Manual is available in the Hayward Library.	3. SIC Codε 7391			
4. Enter the Dun and Bradstreet number for this business. If not known, call Dun and Bradstreet in Pennsylvania at (215) 391-1886	4. Dun and Bradstreet Number 07-652-6904			
5. Enter Business License number issued by the City of Hayward to this business.	5. Hayward Business License Number 99 I 088876			
6. List all other permits issued to this business facility by other regulatory agencies and the Hayward Fire Department. Examples of these agencies are: County Health Department; Water Pollution Control Facility; Environmental Protection Agency; Regional Water Quality Control Board; and Bay Area Air Quality Management District.	6. Permits relating to generation, storage, handling, treatment, transport, and disposal of hazardous materials and/or hazardous wastes: Agency Permit No.			
	U.S. EPA CAD 981640626			
7. If you have underground storage tanks, the Hazardous Materials Office has assigned you a Facility ID Number. Call (510) 293-8695 to confirm your Facility ID Number or obtain it from your underground storage tank registration forms.	7. Facility I.D. Number No underground tanks.			
Section IV - FACILITY CONTACTS AND PLANNING INFORMATION				
. Emergency Contacts: List names, titles, and contact telephone numbers of at least two individuals to notify in case of an emergency involving hazardous materials on this facility. 'The Primary Contact will be contacted first; and if he or she can not be reached, the Secondary Contact will be contacted instead.				
(a) Primary Contact	(b) Secondary Contact			
Name L. Jean Noroian	Name Sang Liu			
Title President	Title <u>Lead Chemist</u>			
Telephone No. 510-783-6960 (During business hours)	Telephone No. 510-783-6960 (During business hours)			
Telephone No. 510-521-7073 (After business hours)	Telephone No. 510-317-0832 (After business hours)			

2.	Check the appropriate box to answer the question. The materials referred to are listed in the attached Appendix A - List of Extremely Hazardous Substances and their threshold quantities as published and amended by the Federal EPA. This is the same list referred to as "Acutely Hazardous Materials" by the State of California in Section 25533, Chapter 6.95 of the Health and Safety Code.	2. Do you handle or store Federally-listed Extremely Hazardous Substances or State-listed Acutely Hazardous Materials in quantities greater than the Threshold Planning Quantities (TPQ) given in Appendix A?		
		Yes XX No		
3.	Check the appropriate box to answer the question.	3. Is there any school, hospital, or extended-care facility within 1,000 feet (straight line distance) of your facility?		
		Yes XX No		
4.	Check the appropriate box to answer the question. (Comparable installations refer to halon systems, foam systems, etc. Portable fire extinguishers are NOT considered comparable to	4. Is your building equipped with a sprinkler system, or other comparable fire protection installation?		
	sprinkler systems.)	Yes XX No		
Section V - PROPERTY AND LAND USE INFORMATION				
1.	Enter property owner's name.	1. Property Owner's Name		
		R & B Commerce Park		
2.	Enter property owner's mailing address.	2. Property Owner's Mailing Address		
	,	26034 Eden Landing Road Hayward, CA 94545		
3.	Enter property owner's telephone number	3. Property Owner's Telephone Number		
		510-783-1513		
4.	Adjacent Properties Enter names of businesses, contacts, and telephone numbers on adjacent properties.			
	(a) NORTH	(b) EAST		
	Business: Computer Management S Contact: Anyone Phone: 510-732-0644	erv.Business: Vintage International Contact: Crystal Phone: 510-783-1343		
	(c) SOUTH	(d) WEST		
		ildi BG siness: United Collections		
	Contact:Phone:	Contact: Carol Phone: 510-783-7901		

III. Use of Emergency Response Equipment and Supplies, continued

- o Boots: Use to prevent contact with a spill.
- o Respirator: Use to prevent inhalation of fumes.
- o Doors: Open for ventilation, or to escape fumes.

IV. Emergency Response and Evacuation Plan

- o Attached
- o Posted in laboratory by emergency response equipment and on doors to glassware cabinets.

EMERGENCY RESPONSE AND EVACUATION PLAN

FIRE

- 1. Notify any supervisory personnel.
- 2. All lab employees are to use fire extinguishers to fight the fire.
- 3. When fire extinguishers are exhausted or the fire threatens your safety, move away or leave the building. See Evacuation Map on Page 6.
 Go to the picnic tables next to the rear parking lot.
- 4. The notified supervisor should inspect the fire and call the fire department as needed:

732-2626 or 911

Tell them to come to:

Trace Analysis Laboratory 3423 Investment Boulevard

Unit Number 8

Hayward

Phone: 783-6960

This is between Eden Landing Road and Production Avenue. We have a front and two back doors.

- 5. The supervisor should direct one person to the Investment Boulevard fire hydrant and one to the rear parking lot to direct the fire department.
- 6. If the fire gets bad, get out of the building. Alert our neighbors upstairs and beside us. See Evacuation Map on Page 6. Go to the picnic tables next to the rear parking lot.
- 7. For minor medical treatment during the daytime:

Medical Express 22429 Hesperian Boulevard (north of Winton) Hayward 782-7111

8. For major medical treatment or treatment after hours:

Saint Rose Hospital 27200 Calaroga Avenue (at Tennyson) Hayward 783-1123 or 911

Take Hesperian south to east on Tennyson.

 The building may be re-entered when the fire department (if called) and the supervisor indicate it is safe to do so.

EMERGENCY RESPONSE AND EVACUATION PLAN

SPILL

- 1. Notify any supervisory personnel.
- 2. The supervisor and one employee are to contain the spill. All others are to leave the building and open the doors, if fumes are present. Alert the neighbors as needed. See Evacuation Map on Page 6. Go to picnic tables next to rear parking lot.
- 3. If flammable material, turn off AA flame and FID flames.
- 4. Don boots as needed, a must for acid spills.
- 5. Pour absorbent (Hazorb) on spill and sweep-up. Go outside for fresh air as needed--wear respirator as needed.
- 6. Return to lab only when fumes have dissipated <u>and</u> supervisor indicates it is safe to do so.
- 7. For spills of 5 gallons or more, call the fire department as needed.

732-2626 or 911

Tell them to come to: Trace Analysis Laboratory

3423 Investment Boulevard

Unit Number 8

Hayward 783-6960

This is between Eden Landing Road and Production Avenue. We have a front and two back doors.

8. For minor medical treatment during the daytime:

Medical Express 22429 Hesperian Boulevard (north of Winton) Hayward 782-7111

9. For major medical treatment or treatment after hours:

Saint Rose Hospital 27200 Calaroga Avenue (at Tennyson) Hayward 783-1123 or 911

Take Hesperian south to east on Tennyson.

10. The building may be re-entered when the fire department (if called) <u>and</u> the supervisor indicate it is safe to do so.

EMERGENCY RESPONSE AND EVACUATION PLAN

TRAINING REQUIREMENTS AND DOCUMENTATION

I. Training Requirements

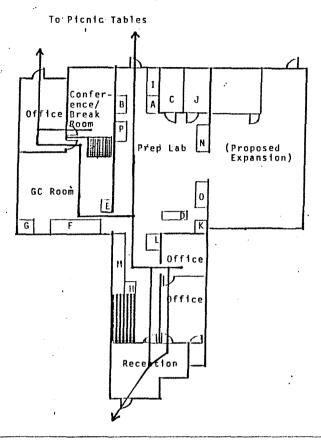
- A. All employees are trained and drill in the following, as indicated:
 - o Procedures for internal alarms/agency notification.
 - o Procedures for notification of off-site emergency responders.
 - o Location and content of "Emergency Response Plan."
 - o Evacuation procedures.
 - o Proper emergency mitigation procedures for spills.
- B. Chemical Handlers are trained in the following, as indicated:
 - o Safe methods for handling and storage of hazardous materials.
 - o Proper use of personal protective equipment.
 - o Locations and proper use of fire and spill control equipment.
 - o Specific information about the hazards of each chemical to which they are exposed, including routes of exposure.
- C. Emergency Response Team Members are trained in the following, as indicated:
 - o Rescue procedures.
 - o Procedures for shutdown of operation.
 - o Procedures for using, maintaining and replacing facility emergency and monitoring equipment.
 - o All personnel are trained in emergency response procedures within six months of hiring.
 - o Refresher training is provided at least annually.

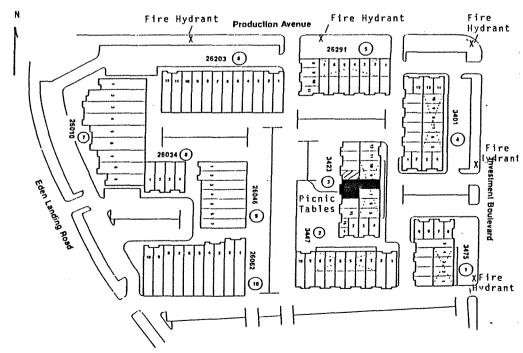
II. Training Documentation

Training Records are maintained for all employees as indicated:

- o Verification that training was completed by employee.
- o Description of the type and amount of introductory and continuing training.
- o Training records of current and former employees and retained for at least three years.
- o Documentation maintained and available for review regarding facility emergency response drills conducted during the year.

EMERGENCY RESPONSE AND EVACUATION PLAN EVACUATION MAP





Legends

X : Fire Hydrant

🥻: Trace Analysis Lab.

ZZZ: Proposed Expansion

ACUTELY HAZARDOUS MATERIALS AND EXTREMELY HAZARDOUS SUBSTANCES REGISTRATION FORM

THIS FORM MUST BE COMPLETED BY THE OWNER OR OPERATOR OF EACH BUSINESS IN CALIFORNIA WHICH AT ANY TIME HANDLES CHEMICALS THAT ARE CONSIDERED ACUTELY HAZARDOUS MATERIALS BY THE STATE OF CALIFORNIA OR EXTREMELY HAZARDOUS SUBSTANCES BY THE FEDERAL GOVERNMENT. THE ATTACHED LIST OF CHEMICALS INCLUDES ALL ACUTELY HAZARDOUS MATERIALS AND EXTREMELY HAZARDOUS SUBSTANCES AND WILL HELP YOU IN FILLING OUT THIS FORM. PLEASE NOTE: THE LISTS OF CHEMICALS ARE THE SAME FOR THE STATE AND THE FEDERAL GOVERNMENT. THE FOLLOWING DESCRIBES THE STATE AND THE FEDERAL REPORTING QUANTITIES:

THE STATE AND THE FEDERAL GOVERNMENT REQUIRE THAT OWNERS/OPERATORS OF BUSINESSES THAT HANDLE ACUTELY HAZARDOUS MATERIALS AND EXTREMELY HAZARDOUS SUBSTANCES IN QUANTITIES EQUAL TO OR GREATER THAN THE CHEMICAL THRESHOLD PLANNING QUANTITY SHOULD REPORT THOSE CHEMICALS ON THIS FORM. THE THRESHOLD PLANNING QUANTITY FOR EACH CHEMICAL IS LISTED ON APPENDIX A. YOU WILL NOTICE THAT FOR SOME THRESHOLD PLANNING QUANTITIES THERE ARE TWO QUANTITIES (E.G., ACRYLAMIDE 1,000/10,000). IF THAT PARTICULAR CHEMICAL IS IN DUST, POWDER, PARTICULATE OR GRANULAR FORM, USE THE SMALLER QUANTITY.

USING THE ATTACHED LIST OF ACUTELY HAZARDOUS MATERIALS AND EXTREMELY HAZARDOUS SUBSTANCES, DETERMINE FIRST, IF YOU ARE USING ANY OF THE LISTED CHEMICALS; AND THEN, IF YOU ARE, WHAT QUANTITIES YOU HANDLE. IF YOU ARE USING CHEMICAL MIXTURES THAT EXCEED THE REPORTING REQUIREMENTS AND THE ACUTELY HAZARDOUS MATERIAL AND EXTREMELY HAZARDOUS SUBSTANCE PERCENTAGE OF THAT CHEMICAL EXCEED 1%, THEN YOU NEED TO REPORT THAT CHEMICAL MIXTURE. (\$25533 & 25536 HEALTH & SAFETY CODE)

Note instructions on reverse

Business Name_ Trace Analysis Laboratory, Inc.				
Business Site Address 3423 Investment Boulevard, Unit No. 8, Hayward, CA 94545				
Business Mailing Address (if different)				
Business Phone 415-783-6960 Business Plan Submission Date 1 Not applicable				
Process Designation 2 Not applicable				
ACUTELY HAZARDOUS MATERIALS AND EXTREMELY HAZARDOUS SUBSTANCES HANDLED 3 -USE ADDITIONAL PAGES IF NECESSARY-				
CHEMICAL NAME QUANTITY				
None in reportable quantities				
GENERAL DESCRIPTION OF PROCESSES AND PRINCIPAL EQUIPMENT ⁴				
Analytical chemistry analysis. Equipment: Two Gas Chromatography				
Mass Spectrometers, five Gas Chromatographs, one Atomic Absorption				
Spectrophotometer, and three exhaust hoods.				
SIGNATURE President				
PRINTED NAME L. Jean Noroian DATE 2/27/91				
California Office of Emergency Services FORM HM 3777 (8-25-87) Modified by Hayward Fire Dept. (6-1-90)				

intech Analytical Labs, Inc.

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94086 • (408) 735-1550 • Fax (408) 735-1554

May 28, 1997

Mr. Miles Perez Hazardous Materials Investigator City of Hayward Fire Department 25151 Clawiter Road Hayward, CA 94545-2759

Dear Mr. Perez:

Please find enclosed the final Closure Report the Entech/Trace Analysis Laboratory facility at 3423 Investment Boulevard, Unit 8 in Hayward.

Per you visit to this facility on May 14, 1997 and our Closure Plan this completes all work necessary to obtain permanent closure of this facility regarding the Hazardous Material permit.

I appreciate your department's cooperation during this process and would not hesitate to locate a manufacturing or lab facility in Hayward requiring similar permitting should future Entech requirements change.

As we discussed I would appreciate a written confirmation of this closure completion for my records.

Thanks again for your help.

Sincerely,

Entech Analytical Labs, Inc.

Michael N. Golden

CEO/Lab Director

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Closure Report Trace/Entech Analytical Labs 3423 Investment Boulevard, Suite 8 Hayward, California

Submitted To:
City of Hayward Fire Department
Hazardous Materials Office
25151 Clawiter Road
Hayward, CA 94545

Submitted By:
Mike Golden
Entech Analytical Labs
525 Del Rey Avenue
Sunnyvale, CA 94086

May 20, 1997

Post-Closure Report Trace/Entech Analytical Labs 3423 Investment Boulevard, Suite 8 Hayward, California

1.0 Purpose

This Post-Closure Report outlines the activities completed in the decontamination and closure of Trace/Entech Analytical Labs at 3423 Investment Boulevard, Suite 8, Hayward, California. All decontamination, remediation, and removal of equipment, and demolished architecture and hazardous materials were conducted in accordance with the applicable regulations specified below:

- CCR Title 22, Sections 66261.24
- CCR Title 22, Sections 66261.30 (RCRA Threshold Levels)
- City of Hayward Fire Department
- Hayward Municipal Code, Section 3 8.41.b

Entech Analytical Labs is submitting this Post-Closure Report to the City of Hayward Fire Department.

2.0 Scope

The closure involved the removal of hazardous materials, their residual wastes, equipment, and architecture. The following areas were addressed:

- Removal and disposal and/or reuse of hazardous materials stored in the facility in an appropriate manner,
- 2. Decontamination of laboratory surfaces and hazardous material storage areas,
- 3. Proper decontamination removal and disposal of ductwork and fumehoods,
- 4. Elimination or minimization of threats to public safety, public health and environmental protection.

3.0 Closure Plan Activities

Decontamination of Laboratory

Radian D-Tech, Inc. performed the decontamination of the laboratory area on 5/5/97. All surfaces were cleaned using a neutralizing solution, industrial cleaning solution, and triple rinsed with water to ensure that all contaminant residues were removed. All surfaces were pH tested using field pH strip tests and with Spilfyter Strip tests (solvents) and verified clean. The fume hoods and workbenches were cleaned in similar fashion by Radian D-Tech and verified clean.

Decontamination of Chemical and Hazardous Waste Storage Areas

Radian D-Tech performed the decontamination of the hazardous waste storage rooms and cabinets on 5/5/97. All surfaces were cleaned using a neutralizing solution, industrial cleaning solution, and triple rinsed with water to ensure that all contaminant residues were removed. All surfaces were pH tested using field pH strip tests and with Spilfyter Strip tests (solvents) and verified clean. The walls and shelving of these rooms were demolished and properly disposed of as Class III waste.

Hazardous Material Removal and Disposal

All hazardous materials onsite were either transferred to Entech Analytical facilities in Sunnyvale, California, or properly manifested and removed for proper disposal. Entech Analytical used South Bay Chemical Company and Burlington Environmental, both certified hazardous waste brokers to manifest, remove and transport the hazardous wastes for proper disposal (see Attachment B).

4.0 Closure Notifications and Inspections

Entech Analytical submitted a Closure Notification (Attachment C) and Closure Plan (Attachment A) to the City of Hayward Fire Department. The City of Hayward Fire Department conducted an inspection of the facility on May 14, 1997 (Attachment D).

5.0 Attachments

Attachment A Closure Plan

Attachment B Hazardous Waste Manifests

Attachment C Closure Notification

Attachment D City of Hayward Fire Department Inspection Report

Attachment A Closure Plan

Closure Plan Trace/Entech Analytical Labs 3423 Investment Blvd., Suite 8 Hayward, California

January 10, 1997

1.0 Closure Requirement

This closure plan is being prepared to comply with local and state regulations. This plan describes the procedures for decontamination and for terminating the storage of hazardous materials and hazardous wastes at the facility.

2.0 Agencies To Be Notified

City of Hayward Fire Department Hazardous Materials Office 25151 Clawiter Road Hayward, CA 94545 510-293-8695

3.0 Facility General Description

The facility is located at 3423 Investment Boulevard, Suite 8 in Hayward, California. The major cross street is Clawiter Road (see Attachment A for site map). The site is located within the City of Hayward in Alameda County. It consists of both office and analytical laboratory space. There are four offices and one main laboratory. The laboratory accounts for approximately one third of the 3,100 total square feet. The area outside of the building is surrounded on two sides by light industrial office buildings and on two sides by asphalt parking lots.

The facility is leased by Entech Analytical Labs. Entech is owned by Mike Golden, President. Mike can be contacted at 408-735-1550 x30.

4.0 Facility Process Description

This facility housed a state certified independent analytical laboratory owned by Entech Analytical Labs, and in operation until August of 1996. In late 1996 the operations at this facility were moved, along with analytical instruments, to Entech's Sunnyvale facility located at 525 Del Rey Avenue, Sunnyvale, California.

The following specific information is relevant to this facility and this Closure Plan:

 Various hazardous materials and wastes, including analytical calibration standards and chemicals, remain in this facility and are to be disposed of in accordance with all applicable regulations,

- The facility operated three fume hoods which will be decontaminated for eventual removal.
- All hazardous materials were/will be properly stored and shipped from this site for treatment and/or disposal,
- d. All sinks are connected to domestic gray water systems,
- e. The lab bench and fume hood sinks are connected to a point source water treatment system (in-line ultrapure mixed bed filter and organic removal filter cylinders) which will be properly disposed of,
- f. No waste was discharged to the sewer,
- g. No underground storage tanks exist at this facility.

4.1 Chemicals Used

Please refer to Attachment C for a complete listing of chemicals and hazardous wastes remaining onsite. In addition, a chemical location map is attached (Attachment B) showing where chemicals and wastes were stored and used in this facility. All chemicals and wastes currently onsite will be properly manifested and transported for proper use, treatment and/or disposal.

5.0 Purpose of Closure Plan

The purpose of this Closure Plan is to comply with applicable local and state requirements including the Hayward Municipal Code, Section 3-8.41b. The Plan will be submitted by Entech Analytical Labs to the City of Hayward Fire Department for approval. The Plan is intended to ensure the removal of hazardous materials, their residual wastes, and to eliminate possible contamination to the facility due to normal chemical use. This will be conducted in a manner that:

- a. Demonstrates that hazardous materials stored in the facility will be removed, disposed of, and/or reused in an appropriate manner;
- b. Eliminates or minimizes threats to public health and/or safety or to the environment from residual hazardous materials in the facility; and
- c. Eliminates or minimizes the need for further maintenance of the facility as a hazardous materials storage facility.

Areas to be addressed in this closure will be:

- a. Proper removal of hazardous chemicals and wastes; and
- Proper decontamination of surfaces potentially contaminated with hazardous materials.

6.0 Closure Plan Activities

6.1 Laboratory

The laboratory consists of a work bench, sink and three (3) chemical fume hoods. The bench, sink and floors of this room will be cleaned utilizing an industrial cleaner and surfaces will be pH tested using a field pH strip test top ensure that no residual corrosive materials remain on the surfaces. These surfaces will also be similarly tested for solvents using a field Spilfyter® strip test. The chemical fume hoods will be decontaminated utilizing industrial cleaners and/or dilute IPA and neutralization solution to remove potential hazardous residuals. These will also be field tested for both solvents and corrosives.

6.2 Chemical Storage Areas

All chemicals in the facility were stored in either one of two chemical cabinets (flammable cabinets), or one of two chemical storage closets. All chemicals have been inventoried (Attachment C). These two cabinets and two closets are identified on the attached site map (Attachment B). Both cabinets and closets will be properly emptied of their hazardous materials and cleaned using the same methods outlined in section 6.1 above.

6.3 Hazardous Material Disposition

All hazardous materials will be properly handled; manifested; and used, treated and/or disposed of by certified vendors, in accordance with all applicable local, state and federal requirements, including; the Department of Health Services (DOHS), the California Regional Water Quality Board (CRWQB), the US-EPA, and the Cal-EPA. Proper documentation, including receipts and manifests, will be maintained and submitted with the final Closure Report to the Fire Department.

It is been determined based on the nature of the facility and its operations, that no soil, groundwater or other samples, other than the field strip samples, will be collected and analyzed for this closure.

6.4 Spill Contingency and Safety Plan

A site specific Health & Safety plan and Spill Contingency Plan is attached. (Attachment D).

6.5 Schedule

This Closure Plan will be submitted to the City of Hayward Fire Department for review. Once approval is obtained for the proposed scope of work, Entech may proceed with the work as depicted in the closure plan. A representative of the Fire Department may be asked to inspect the facility prior to commencement of closure activities and after all closure proceedings has been completed.

7.0 Final Closure Report

Entech Analytical will submit a final Closure Report to the City of Hayward Fire Department within thirty days of completion of work outlined in the Closure Plan. This Report shall summarize actions actually taken to close the facility, and include receipts and manifests for chemicals and equipment. The report shall certify that the approved facility Closure Plan was carried out.

8.0 Attachments

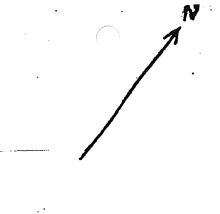
Attachment A Facility Site Location Map

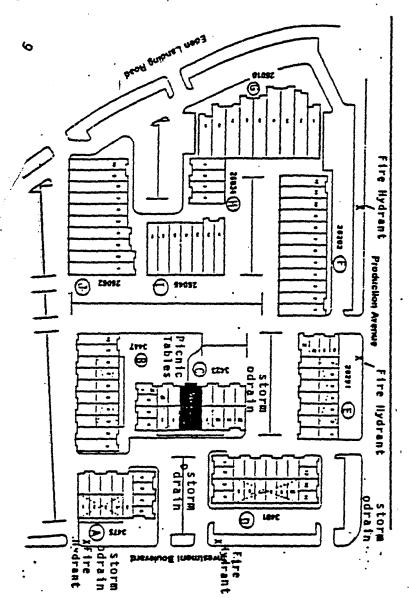
Attachment B Facility Plans - Area/Equipment Locations

Attachment C Hazardous Material Inventory

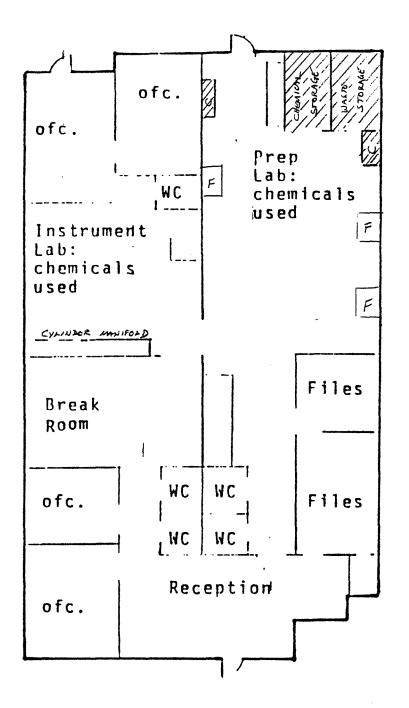
Attachment D Site Specific Health & Safety and Spill Contingency Plan

Attachment A Facility Site Location Map





Attachment B Facility Plans - Area/Equipment Locations



Attachment C Hazardous Material Inventory

CHEMICAL NAME	Container Information				
	Number	Size	Unit	% Full	
Methylene Char. de	4	41	g	100	
	1	4.0	g	75	
Hydrogen Peroxide	3.	11	P	100	
	1	11	P	25	
	1	500ml	P.	50	
MERING MIBE	1	41	9	. 25	
1)		12	9	75	
Reagent Alastal (absolute)		41	q	100	
ethyl ether		500ml	metal	50	
Methanol	1	4.2	9	100	
	2	41	9	25 25	
	1	12	9	90	
3% NaBHy		500ml	<u>\$</u>	70	
Aceton	1	48	9	10	
Z, Z y · trimethal - Dentance	1	41	9	100	
11	1	41	4	70	
<u>Dentane</u>		42	9	100	
,	1	48	5	500/ 50	
11		4.8	a	75	
Johnshalene Gl		28	9	90	
1 3 3 3 3 3 5 6 8 1	1	28	-5	50	
# n-propane		12	a	60	
n 1 - propenal		42	4	35	

CHEMICAL NAME	Container Information				
	Number	Size	Unit	% Ful	
ethyl-acetate)	12	q	60	
. tri-sil		50 m)	9	70	
1,3 Dinitro benzene	1.	25 g	3	100	
4-chlorataluene		100 3 ml	9	80	
2- chloroethyl etter		10001) q	100	
1,2 d. bramo ethane	3.1	50m1	9	70	
iso-Propyl Ether)	il	g	80	
= 10000 benzene		100 m1	9	80	
Bis (Perfluencisopropy) Ketone	1	loom	9	10	
1,2,3-Trichropopropare	1	1.00 .21	9	50	
- Acrylanide:	1	50 ZSg	3	160	
O-Dinitrobenzene	1	25 g	9	90	
1,3- Di nitro benzene		259	9	/00	
1,2-Naphthoguinane		105	9	100	
3 Brano benzatifluaride		50 m	9	40	
polyimale sealing resin		10 ml		50	
995		Zoml	9	100	
Jot A fuel	1	40ml	9	45	
Linear Alkylbenzene sulfonale	1	500 m)	P	100	
PROSPINIZIC ACID	1	20001	9		
Cupra Sulfate			P		
Nityci / Willy dit Burgin Solm	1	Sou.ml	9	50	
Cupic Sulfate	1 1	17.5ml	G	60	

CHEMICAL NAME	Container Information				
	Number	Size	Unit	% Ful	
Phenol	/	P	250ml	25	
Nityoit	/	500ml	7	50	
41-AMINO ANTIPYRINE SOLUTAIN	<i>)</i> .	100ml	9	120	
K3 Fe (CN)		100 m 1	9	100	
4-AMINO AUTIPORT	/	259	J.	50	
PITENOL	1	" / Z	9	100	
KZ CKZ OZ	/	11	· P	30	
Sulfamire Aciel	- C	11	7	80	
Sedin Hydraid (NaOII)		11	٦	40	
	1	Soonl	P	·50	
11		10	ġ	<u>50</u>	
MgCl2 - 61+20		11	P	10	
KCN: KOH		·il	<u>g</u>	100	
RCN Sommer	//	11	9	75-	
KCN. "	/	11	مر	25	
Sopium PHOSPHOW		500m/	حر	46	
CHEORIMING -T SOLN		ZSom	P	50	
<u>ll</u>		250 g	9	80	
NATRITE STOLK SOL'N		500ml	9	90	
11 (1 11		111	1-3-	100	
. []		Sound	7	100	
·· · · · · · · · · · · · · · · · · · ·		Soonl	j	100	
BRUCING SULFAMO ACID		5.00W/	1 3	25	

Page _______ of ______

CHEMICAL NAME	Container Information ·				
	Number	Size	Unit	% Ful	
N-1 - NAPH THYLE THYLEUEDIAMINE	1	259	9	100	
AUTIMONY POTAJSIUM TARTRATE		500g	P	100	
SULFANILAMIDE	1.	1009	9	100	
SODIUM ACCTAIR		4539	>	70	
NACE SOL'N		5 vant	7	20	
Sodium Nitrice	. /	755cg	P	95	
Petassium 6, 7212	/	4539	. 23	Sc.	
- UNENOWO - SIDIUM THWULFFEE	1	12	g	100	
Acierci - IODIDCT - AZIDCT		500 m1	7	100	
STARCH FUDICATOR SUL'N		150ml	هر	80	
Fectz . 611,0	1	18	خر	700	
Caclz		12	P	100	
Poy Burron		1.6	P	100	
Mg Soy	1	18	حر	/00	
Porossum vilodate		500,00	P	/00	
Ca (NDz)z		Soont	٢. ا	ZO	
Ctrium Supre	1	500ml	<u></u>	100	
MAGNUSA JULIATO.	(11	q	50	
(STANDARED Z)~ CO! Cal Vi In Consid	8	100 m	?	50-10	
Se/HND; COMISO STANDARD	4	100ml		50	
. Aq Sx Standard	1	100 ml	P		
Be/ Holl HOOZ STANDARD		10001	ج	50	
Fe Hallithus STANDARD	3	Im 001	P	50	

CUENT CAL MAME	Container Information ·				
CHEMICAL NAME	Number	Size	Unit	% Full	
Cd/en/PB STANDARD	4	100 m (ھو	20	
Cd STANDARD	/	100ml	à	50	
(1/17) 1+704 11	1	18001	P	80	
	3	100ml	P	50	
Be / Hel / 14x03 11		100ml	<i>j</i> >	50	
	. 1	"100ml	12	50	
AS STANUARD	3	100ml	. 7	25	
<u></u>	4	100ml	P	25	
	4	10001	g	_5 0	
A n	4	600ml	P	50	
MO (HCI / 14 NOS 12	4	100m1	خ	50	
Mp/1+01/1+poz 11	5	100M	p/q	10	
CO/53 in	3	·100ml		25	
Cd/Cn/Pb 1	3	100ml	9	<u>Zo</u>	
Si /Co 11	ı	100 ml	P	20	
NI 53 11	1	isoml	در	75	
Ni Si	/	poorl	P	75	
B1+7 Siz 11.	į	100ml	P	39	
· Vrs u		100ml	Δ	5	
176 13	1	10001	.2	/0	
Bel Holl It pay is	1	10001	7	59	
Ba n	1	100ml	7	/0	
Vanadoun	1 2	100,00	P	75	

Page ______ of _____

CHENT CAL MANE	Container Information .				
CHEMICAL NAME	Number	Size	Unit	% Full	
ABSONIC STANDARD	1	150ml	P	5 0	
Copper 11	/	100ml	J ²	10	
Calcium		5 ounl	حر	₽°	
lead 11		Zsom/	P.	5	
	,	100ml	جر	10	
TITALCOM 11	. 1	"loom!	حر	50	
Golg il	1	100~(9	100	
- Acumenum 11	1	SOOM) P	80	
Cottonium il	/	ار من	P	20	
Boron 11	1	500.ml	حر	100	
Bonycemm u	/	100ml	·.	50	
ANTIMONY 11	1	100ml	P	50	
10 12		10001	<u> </u>	~5	
Mos & Bocum u	1	ibonl	<i>j></i>	20	
Cromium 11	1	100ml	در	50	
TIN il	(1000	12	<5	
Iron 11	_ /	Soonl	<u>P</u>	95-	
Nichel II	ĺ	100001	7	25	
Copor 11		100ml	P	25	
Citrouinn	1	100~1	حر	25	
Nicher 11	1	10000		20	
Silicon 11.		100ml	P	10	
Lead	1 -	500 2	P	96	

Page _______ of ______

CURVICAL MANE	Container Information				
CHEMICAL NAME	Number	Size	Unit	% Full	
SIL VER STANDARD	2	_Soom1	9	90	
Monenny !		10	11	90	
Screvum "	1	20	2	100	
Mandian il	1	11	16	90	
ZINE "	1	11	21.	90	
MULLINGE	. (11	/‹	90	
Fortssium !!	1	Font	· и	90	
Coppor 11	((00 ml	٦	20	
Tirran 11	1	wonl	1	100	
50 gan	/	100 001	P	75	
/+ q . 11	13	100ml	م ُ	50-100	
	7	Som (2	50	
<u>Ag</u> 4	8	100 ml	12	100	
N;		10001	P	50	
Si . 11		1 cons	رر	100	
56		10001	7	50	
isa u		1duni	?	75	
CPA MID	5	100ml	7	50	
Somum	1	100 ml	P	80	
Tiv in		100 M	7_	25	
Brown 11	1	woni	7	50	
A luminum	1	100 ml	P	وح	
Aresonic 11		100ml	?	75	

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Container Information CHEMICAL NAME Unit % Full Number Size CADMIUM STANDARD 100 ml P 25 PANADUM II 75 " SILICON " 10 41 40 TITANIAN i (90 " " IRON " 4 . . 50 21 75 Marsium " 41 80 11 50 ii 11 COPPOR 61 75-11 11 10 11 ANTIMONY 11 10 ٠, 11 u CHROMILIA 11 80 i 11 11 il 10 25 Mranoso 50 11 4 THELIUM 11 11 50 ić BORYLLIAM i Conver 11 10 11 11 $t_{\mathbf{t}}$ 11 50 MOLYBOONUM 11 10 80 (11 4010 10 50 .11 Nicaoz it 75 11 Mercany 14 11 80 18 11 li ROTASIUM 20 16 1 ίL SILVER 1 Wml 100 8 11 EPA 18 50-100 100ml 16 2 1/2 C771

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Container Information CHEMICAL NAME % Full Size Unit Number Annavian Mayonore SOL'N Soomi 100 Soons :00 tr tr S Domi 10 11 - SOY 250ml 50 250ml 9 50 ASCORBLE ACID SOLW 11 MOLBDIC ACID I 7.5 150ml POY SOLIN א 50 PHOSPHORUS STANDARI) 150ml P 20 1/2 504 150ml 50 STANDONS CHEOZIDE SOLN (SNC12.) 15011 70 PHONO LANGUARION SOLW P 100ml 30 POY SOL'N P 100ml 20 AMMENIAM ITEPTAMOLYBDAR 7 1 16 Pomssium PHOIPHATE HUND BASTC 116 70 500 g 80 Annowing PERSULFATO 2004 SODIUM ONALARE POWNER 100 1259 STAUNOW CHECKER (RYDTHE 80 PHENOL RED. Ğı 10 100M Na, S, O3 4 ZSMI 50 60 ZSOMI 4 17-100 SOLIN 50 259 G 1259 10 SOPIUM MOLYBDATES P 60 10001 CHLOROMINE - T

	Container Information			
CHEMICAL NAME	Number	Size	Unit	% Ful
Sopium Acesase Garania	1	Sougm	P	100
POTMERUM FROURING - CRYPTAL	,	Sou gin	حر '	100
CACCIUM OXIDET - POWDER		5009	2	100
SODIUM FORMITE		Souy	6	100
Naz Cos solw	1	500Ml	P.	100
BROWING SOLIN		"150nt	خر	50
Boron Solin	/	isonl	P	75
	1	Sount	9	100
Sodjan THOSULFATE SOLW		Soon	G	25-6
AMMERIAN HYDROXIDE	/	,21	P	50
La Solin	/	1.l	حر	100
TING ACCTOR	/	1.2	P	20
EPTA Sain		12	P	100
	1	5 ound	P	50
1/250 x 50 c/N		12	G	< 10
GDIGEHOME BLACK -T (sold)	/	100 4	2	50
ii ! Social	/	150ml	12	63
Morryc ROD	1	150ml	P	70
Na OH Solin	,	12	P	20
AMMONIUM CHEORIDE		5009	<u>P</u>	100
Acetre Acio		500 ml	/2	20
- HAC SOLIN		5001	7	20
Naz Coz sorin	/	18	To a	100

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Container Information CHEMICAL NAME Unit % Full Number Size NH4 017 100ml POTASSIUM G 2 150ml 50 Patroscum Bi PHT HALATE 4 20 10 (12415 MS 100 G POTASSIUM CHRONATO 5004 100 G G 5009 DICHROMES 5009 90 HY DROXIDE. Ġ 100 HYDROGEN PHIMMEATE FERRICYANIDE (CHIMA) - 1 75 G 50 Ğ 75 G 1 16. FURROCYANIDE 176. 110. 100 POTASSIUN DITTATE 5004 P 100

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Container Information CHEMICAL NAME % Full Size Unit Number 250 a Pomssium IODING 11 PHOSPHATE DI-BASIC P 50 NITRITE 116-G 20 75 PITOSPITATE MUNUBASIC 6 11 PorsaLitation 500 a C 100 . 2 5009 POTASSIUM PIASPHARES TOX RASIS 100 POITMINIUM PHOSPHATES 1009 100 50 SULPATE (CZYUTTE) CUNKNOWN AMOOR 5 50 2/ G Zoml 10C 5004 <5 MANUALUSE SUICEARE NOND AYDRAR 100 5009 SULFINE 1 16. 4 10 MAGNESMA ANHYDOWS 50 CRYSTAL 1 16. Chorino 60 Sovign (RYSTALS G lique feel 30 le 500 nm 60 116. MOLYEPUNUM TRIOXIZE (SOUPER) 4 1009 20 2. MOREURIC SALFATE 5009 P 90 11 1 16. G 60 (pure) MURCURY 25 125 a 6-HADROTE Nickedious NITETE G 100 TODIN-CYAUGGEN FU. CHARLE SULTATE