APPENDIX C

CITY OF PHOENIX FIRE DEPARTMENT RECORDS

OCCUPANCY ACTIVITY REPORT

(SUPPLEMENTAL PAGE 2)

MONTH DAY YEAR: 10/3/87

STREET ADDRESS: 4331 E BROADWAY

OCCUPANCY NAME: US WATER

AREA OF RESPONSIBILITY: 2 3 –

ITEM NO.	FIRE CODE SECTION	SPEC. REF.	REMARKS	CORR REQ'D. BY (DATE)	Corrected (DATE)	CORRECTION VERIFIED BY (PRINT NAME)
10	20.1	NFPA 45	HAZARDOUS CHEMICALS STORED WITHE	11/16/87		McDermott
		7-2.3	OPEN IN LABS SHALL BE KEPT TO THE		11/16/87	
			MINIMUM NECESSARY FOR THE WORK			
			BEING DONE.			
10	20.1		INVENTORY OF ALL HAZARDOUS CHEMICALS	11/16/87		
	1.13G		IN STORAGE SHALL BE TAKEN. ALL CHEMICALS		1/11/88	
			THAT HAVE EXCEEDED THEIR SHELF LIFE,			
			SHALL BE DISPOSED OF IN ACCORDANCE			
			WITH ALL STATE + FEDERAL REGULATIONS.			
10	20.1	NFPA 45	CONTENT IDENTIFICATION SHALL BE	11/16/87		
		10-2.1	PROVIDED ON ALL ORIGINAL + SUBSEQUENT		1/11/88	
			CONTAINERS OF HAZARDOUS CHEMICALS.			
11	20.1	NFPA 45	GLASS CONTAINERS USED FOR CLASS 1A	11/16/87		
		7-2.3.2	FLAM. LIQS. LIMITED TO 1PT, CLASS 1B		11/16/87	
			TO 1QT + 1C TO 1GAL.			
			GLASS CONTAINERS UP TO 1GAL MAY			
			BE USED IF NECESSARY FOR THE			
			THE PROCESS.			

The items noted above are in violation of the Phoenix Fire Code. This is an official notice of ordinance violation requiring correction within the specified time. Failure to comply with these requirements may lead to legal action. Violation of the Phoenix Fire Code is a violation of City Ordinance G-2221, as amended, a Class 1 misdemeanor punishable by a fine not to exceed One Thousand Dollars or imprisonment not exceeding six months or both. This inspection is intended for your safety and the safety of the citizens of Phoenix. Your cooperation is greatly appreciated. For information concerning this inspection call 262-6771

COPY RECEIVED BY: [illegible] DATE 21 Oct 87

COMPANY INSPECTOR (NAME): M M McDermott

STATION NO. SHIFT

REFERRED TO FP. INSPECTOR (NAME)

TURNOVER DATE

REFERRED TO CITY PROSECUTOR BY

DATE

91-63.1 REV. 5/8

FIRE PREVENTION

OCCUPANCY ACTIVITY REPORT

(SUPPLEMENTAL PAGE 3)

MONTH DAY YEAR: 10/3/87

STREET ADDRESS: 4331 E BROADWAY

OCCUPANCY NAME: US WATER

AREA OF RESPONSIBILITY

	FIRE CODE SECTION	SPEC. REF.	REMARKS	CORR REQ'D BY (DATE)	Corrected (DATE)	CORRECTION VERIFIED BY (PRINT NAME)
11	20.1	NFPA 45	TRANSFER OF CLASS I FLAM. LIQS.	11/16/87		MCDERMOTT
	16.1	7-22.5	SHALL BE DONE IN A LAB HOOD.		10/21/87	
11	16.1	NFPA 30	OUTDOOR STORAGE OF CLASS IB LIQUIDS SHALL BE 75 FT. FROM PROPERTY LINES + BUILDINGS.	11/16/87	10/13/88	
11	16.1	NFPA 30	REMOVE FLAM. LIQS STORED UNDER ELECTRICAL PANEL.	11/16/87	10/21/87	
14	20.1		FILL OUT HAZARDOUS MATERIALS APPLICATION LISTING MAXIMUM AMOUNTS IN STORAGE/USE. LIST BY AREA.	11/16/87		
20	14.2		PROVIDE + MOUNT A MINIMUM OF ONE 2A:10BC FIRE EXTINGUISHER FOR EACH 3000 SQ FT, TRAVEL DISTANCE NOT TO EXCEED 75 FT.	11/16/87	10/21/87	
32	20.1	NFPA 45	LABS SHALL BE SEPARATED FROM	11/16/87		
		3-1.3	NON LAB AREAS BY MINIMUM 1-HR CONSTRUCTION.		APPEAL 11/11/88	✓

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COPY RECEIVED BY: [signature] DATE 21 Oct 87

COMPANY INSPECTOR (NAME): M. McDermott

STATION NO. SHIFT

REFERRED TO F.P. INSPECTOR (NAME)

TURNOVER DATE

REFERRED TO CITY PROSECUTOR BY

DATE

91-63.1 REV. 5/

FIRE PREVENTION

OCCUPANCY ACTIVITY REPORT

(SUPPLEMENTAL PAGE 4)

MONTH DAY YEAR: 10 / 3 / 87

STREET ADDRESS: 4331 E BROADWAY

OCCUPANCY NAME: US WATER LAB

AREA OF RESPONSIBILITY:

ITEM NO.	FIRE CODE SECTION	SPEC. REF.	REMARKS	CORR REQ'D BY (DATE)	Corrected (DATE)	CORRECTION VERIFIED BY (PRINT NAME)
22.	20.1		FIRE ALARM SHALL BE IN OPERABLE	11/16/87		McDERMOTT
	14.9		CONDITION AT ALL TIMES.		10/10/87	
~~32~~	~~20~~	NFPA	APPEAL TO THE FIRE MARSHALL			
			MUST BE MADE WITHIN 15 DAYS			
			OF COPY RECEIVED DATE.			

The items noted above are in violation of the Phoenix Fire Code. This is an official notice of ordinance violation requiring correction within the specified time. Failure to comply with these requirements may lead to legal action. Violation of the Phoenix Fire Code is a violation of City Ordinance G-2221, as amended, a Class 1 misdemeanor punishable by a fine not to exceed One Thousand Dollars or imprisonment not exceeding six months or both. This inspection is intended for your safety and the safety of the citizens of Phoenix. Your cooperation is greatly appreciated. For information concerning this inspection call 262-6771

COPY RECEIVED BY: [illegible] DATE 21 Oct 87

COMPANY INSPECTOR (NAME): M K McDermott

STATION NO. SHIFT

REFERRED TO F.P. INSPECTOR (NAME)

TURNOVER DATE

REFERRED TO CITY PROSECUTOR BY

DATE

91-63 REV.

FIRE PREVENTION

CITY OF PHOENIX, ARIZONA
FIRE DEPARTMENT
ROOM 167, PUBLIC SAFETY BUILDING
620 W. WASHINGTON 85003
PHONE 262-6771

LOG NO.	DATE LOGGED OUT
0521	10/23/87
DATE RECEIVED	
CASE NO. 22-87-4	
HEARING DATE	TIME
DEPT. EMPLOYEE FAMILAR WITH PROJECT: Mike McDermott	
OCC. TYPE	COMPLIANCE DATE

PETITION OF APPEAL TO THE FIRE MARSHAL

All appeals SHALL be detailed on this form. Supporting data may be attached and submitted if desired, but all entries and statements on this form SHALL be completed. Incomplete froms will not be accepted.

BUSINESS/OCCUPANCY NAME: U.S WATER CONSERVATION LAB — ADDRESS: 4331 E. BROADWAY PHOENIX, AZ 85040

BUILDING OWNER or CORPORATE AGENTS NAME: U.S GOVERNMENT — ADDRESS: 4331 E. BROADWAY PHOENIX AZ 85040

TENANT'S NAME: U.S. WATER CONSERVATION LAB — ADDRESS: 4331 E. BROADWAY PHOENIX AZ 85040

APPELLANT'S NAME: B. A. RASNICK — ADDRESS: 4331 E. BROADWAY PHOENIX AZ 85040

THIS APPEAL APPLIES TO (Check One)

☐ A PROJECT IN THE PLANS REVIEW STAGE. BUILDING SAFETY LOG NO. _____.

☒ AN ALLEGED FIRE CODE VIOLATION.

AN APPEAL IS HEREBY MADE TO THE FIRE MARSHAL FOR A VARIANCE FROM SECTION 20.1 OF THE PHOENIX FIRE CODE. BRIEFLY RESTATE THE REQUIREMENTS BEING APPEALED. LABS SHALL BE SEPARATED FROM NON-LAB AREAS BY MINIMUM 1-HR CONSTRUCTION

STATE IN DETAIL WHAT IS PROPOSED IN LIEU OF LITERAL COMPLAINCE WITH THE FIRE CODE. ~~AT THE TIME OF CONSTRUCTION~~ INVENTORY OF FLAMMABLES REDUCED TO ELIMINATE THE DANGER

[signature] — BUILDING OWNER'S SIGNATURE

[signature] — APPELLANT — TITLE: Safety Officer

(602) 261-4356 — BUILDING OWNER'S TELEPHONE NUMBER

(602) 261-4356 — APPELLANT'S TELEPHONE NUMBER

DECISION OF FIRE MARSHAL

☐ APPROVED ☐ APPROVED WITH STIPULATIONS ☐ DENIED ☐ SEE ATTACHMENT

DATE | FIRE DEPARTMENT OFFICIAL

91-48 REV 7/86

APPEALS FILE

Petition of Appeal to the Fire Marshal
Appeals Case No. 22-87-4
November 24, 1987

APPROVED WITH STIPULATIONS

Flammable and combustible liquids not in use shall be stored in approved cabinets. All storage of flammable and combustible liquids shall be in accordance with NFPA 30, Flammable and Combustible Liquids Code and the Phoenix Fire Code, not later than January 5, 1988.

Charles H. Kime

C. H. Kime, Assistant Chief/Fire Marshal
City of Phoenix Fire Department

CHK/BLK/kt/1976F

§

ATTACHMENT TO "PETITION OF APPEAL TO THE FIRE MARSHAL," U. S. Water Conservation Laboratory, 4331 E. Broadway Road, Phoenix, AZ 85040

The building in question was constructed in 1958 on what was then county property. No fire codes affecting construction were in effect at that time. To reduce danger of fire, we have reduced our inventory of flammables. Those still in storage are kept in flammable cabinets. Those in use comply with Mr. McDermott's suggestions.

PLACE X ONLY IN BOXES

OCCUPANCY ACTIVITY REPORT

CAD ____ OIS ____ OF ____

OCC. CLASS	CITY	ADDRESS NO	DIR.	STREET NAME	TYPE	CITY	SUITE OR UNIT	MONTH DAY YEAR
	P	433	E	Broadway	Rd	P	#	01 1 87

NFPA CLASS	GROUP INSP. NO.	FIRE CODE PERMITS REQ	OCCUPANCY LOAD	# OF UNITS OR SUITES	PRIORITY	AREA OF RESPON
		YES ☐ NO ☐	DAY / NIGHT			—

SQ FT. OF OCC INSP	STORIES	BASEMENTS	EMERGENCY LIGHTING	LOCK BOX	FIRE LANES	GUARD DOGS
		LEVELS / SQ. FT.	YES ☐ NO ☐	YES ☐ NO ☐	YES ☐ NO ☐	YES ☐ NO ☐

L... DRS # OF	# WITH FIREMAN FEATURE	EXIT PLANS	EXIT DRILLS	STANDPIPE SYSTEM	HOUSE LINES	FIRE PUMPS	HOOD SYS
		YES ☐ NO ☐	YES ☐ NO ☐	WET ☐ DRY ☐ NONE ☐	YES ☐ NO ☐	YES ☐ NO ☐	YES ☐ NO ☐

AUTOMATIC SPRINKLER SYS		SUPERVISOR NAME	PHONE	PREVIOUS FIRE HISTORY
FULL ☐ PART ☐ NONE ☐	UNSUPERVISED ☐			YES ☐ NO ☐
FIRE ALARM SYSTEM YES ☐ NO ☐	UNSUPERVISED ☐	SUPERVISOR NAME	PHONE	SEARCH WARRANT USED YES ☐ NO ☐

HAZARDOUS MATERIAL	BUILD PLACARDED	EXPLOSIVES TYPE	EXPLOSIVES MAGAZINE
YES ☐ NO ☐	YES ☐ NO ☐	NONE ☐ A ☐ B ☐ C ☐	YES ☐ NO ☐

FLAMMABLE LIQUID		LP GAS	
AG GALS	UG GALS	AG GALS	UG GALS

FLAM. / HEALTH / REACTY

RESPONSIBLE PARTY LAST	FIRST	MI	HOME PHONE	INSP HRS	COMPLETED INSP DATE
					— —

RESPONSIBLE PARTY LAST	FIRST	MI	HOME PHONE	BUILD DRAW REQUIRED	DRAWING COMPLETED
				YES ☐ NO ☐	YES ☐ NO ☐

PROPERTY MANAGEMENT

OCCUPANCY NAME	PHONE	BUSINESS OWNER'S NAME LAST FIRST MI	HOME PHONE
US Water Conservation Lab			
BUILD/PROPERTY OWNER'S NAME LAST FIRST MI	**HOME PHONE**	**INSURANCE COMPANY NAME**	**PHONE**

RESPONSIBLE PARTY	LAST NAME	FIRST NAME	MI	DATE OF BIRTH

HOME ADDRESS	HOME PHONE	STATE	DRIVER'S LIC NO	SOCIAL SECURITY NUMBER

THE FOLLOWING ITEMS ARE IN VIOLATION

EXIT REQUIREMENTS	HAZARDOUS MATERIALS	FIRE PROTECTION	BUILDING & GROUNDS
1. NUMBER REQUIRED	9. STORAGE-HANDLING-USE	17 FIRE DEPARTMENT CONNECTIONS	25 DRY VEGETATION
2. DOOR WIDTH/SWING	10. HAZARDOUS CHEMICALS	18. AUTOMATIC SPRINKLERS	26 TRASH CONDITIONS
3. LOCKS. LATCHES	11. FLAMM /COMB LIQUIDS	19 AUTOMATIC EXTINGUISHING SYSTEM	27 FIRE LANES
4. EXIT SIGNS	12 L P. GAS	20. PORTABLE EXTINGUISHERS	28 DANGEROUS CONDITIONS
5. POWER OPERATED DOORS	13. EXPLOSIVES	21 HYDRANTS	29 DECORATIVE MATERIALS
6. OBSTRUCTIONS/AISLES	14. HAZ MAT APPLICATION	22 FIRE ALARM SYSTEM	30 OPEN FLAME DEVICES
7. TRAVEL DISTANCE TO EXIT	15. FIRE DIAMOND (NFPA)	23 FIRE DOORS	31 ELECTRICAL
8. EMERGENCY LIGHTING	16 FIRE CODE PERMITS	24 STAND PIPE	32 OTHER — SPECIFY IN REMARKS

ITEM NO	FIRE CODE SECTION	SPEC REF	REMARKS	CORR REQ'D BY (DATE)	CORRECTED (DATE)	CORRECTION VERIFIED BY (PRINT NAME
			Flammable/combustible liquid			
			storage within lab areas reduced			
			to amounts in use. All other			
			storage in metal flammable			
			liquids cabinets			

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RECEIVED	DATE	COMPANY INSPECTOR (NAME)	STATION NO / SHIFT
		[illegible signature]	

REFERRED TO F.P. INSPECTOR (NAME)	TURNOVER DATE	REFERRED TO CITY PROSECUTOR BY	DATE	FIRE INCIDENT REPORT NO.

FIRE PREVENTION

91-63 REV.

CITY OF PHOENIX, ARIZONA
FIRE DEPARTMENT
DIVISION OF FIRE PREVENTION
620 W. Washington St. • Room 167 • Phoenix, AZ 85003

PERMIT NUMBER

§

HAZARDOUS MATERIALS PERMIT APPLICATION

For the confidential information of the Chief of the Division of Fire Prevention who shall use the data contained therein to evaluate the fire and explosion hazard.

ADDRESS 4331 E. BROADWAY PHOENIX AZ 85040

OCCUPANCY NAME U.S. WATER CONSERVATION LABORATOR.

BLDG./PROP. OWNER NAME U.S. GOVERNMENT PHONE 261-3714

RESPONSIBLE PARTY KEN G. MULLINS PHONE 261-3714

NOTE: FILL OUT COMPLETELY AND RETURN TO ADDRESS AT TOP OF PAGE WITHIN _____ DAYS.

1. Indicate by a "Yes or No" for each of the following hazardous materials whether they are to be used, processed or stored in this building. (See back for definitions)

FLAMMABLE LIQUIDS YES
FLAMMABLE GASES YES DUSTS NO FIBERS NO
COMBUSTIBLE LIQUID YES
COMBUSTIBLE DUST NO FIBERS NO

EXPLOSIVE AND UNSTABLE YES
CORROSIVE YES
TOXIC ~~**~~ YES
OXIDIZERS YES

2. Indicate equipment or process involving any of the above Material:

Hydraulic Equipment	☐	Dust Collectors	☐	Drying Rooms	☐
Indust./Medical Gas	☐	Electro Plating	☐	Flow Coaters	☐
Picking or Garnetting	☐	Spray Painting	☐	Dip Tanks	☐
Magnesium Processing	☐	Ovens, Process	☐	Baler or Shredder	☐
Molten Salt Baths	☐	Welding/Cutting	☐	Others RESEARCH	☒

3. List separately any hazardous materials indicated in item 1. Show maximum quantities in use, storage or processing and show flash point of flammable and combustible liquids.

LIST HAZARDOUS MATERIALS	AMT. IN USE	AMT. IN STORAGE	FLASH PT. °F
NITRIC ACID, SULFURIC ACID, HCl, HCl/H	VARIES	c. 12 GAL TOT.	
CYANIDE-K, ARSENIC OXIDE	VARIES	c. 1/2 lb TOT.	
CHLOROFORM	"	c. 2 GAL	
METHANOL		c. 6 GAL	52
ACETONE	"	c. 8 GAL	-4
CYCLOHEXANE	"	c. 6 GAL	-4
FORMALDEHYDE (FORMALIN)	"	c. 1 GAL	122
ISOPROPYL ALCOHOL	"	c. 8 GAL	53
ETHYL ALCOHOL	"	c. 20 GAL	55
HYDROGEN PEROXIDE	"	c. 1 QT	
HEXANE	"	c. 6 GAL	-22
TETRAHYDROFURAN	"	c. 6 GAL	6
ACETYLENE GAS	"	1 CYLINDER	

I hereby certify that the use, storage or process of hazardous materials in this building ~~will be limited as indicated above.~~ SEE ATTACHED

Signature [signature] Date 9 Dec 87
Owner or Responsible Agent

PERSON TO CONTACT FOR ADDITIONAL HAZARDOUS MATERIAL INFORMATION.
B.A. RASNICK Phone 261-4356

FIRE PREVENTION

90-10D
Rev. 2-80

Attachment to City of Phoenix Fire Department Hazardous Materials Permit Application.

With respect to wording "I hereby certify that the use, storage or processing of hazardous materials in this building will be limited as indicated above: since the nature of a research laboratory requires changes in number and types of chemicals, I cannot certify to limiting as indicated in part 3. Signatures are written with the understanding that our inventory will be maintained to insure maximum safety without being limited to materials that may, or may not, be in use in the future and those that may, or may not, be purchased for future research.

ADDENDUM TO HAZARDOUS MATERIALS PERMIT APPLICATION

Hazardous materials from item 1:

Hazardous material	In use	In storage	Flash pt., °F
Acetonitrile	1 gal.	c. 2 gal.	30
t-Butyl alcohol		<1 pt.	~~76~~ 52
Carbon disulfide	Varies	c. 1 pt.	-22
Diethylamine	"	c. 1 gal.	20
Ether	"	c. 1 pt.	-49
Aluminum chloride	"	<1 lb.	
Barium oxide	"	<1 lb.	
Barium perchlorate	"	<1 lb.	
Calcium hydroxide	"	<1 lb.	
Deuterium oxide	"	c.75 ml	
Ferric chloride	"	<1 lb.	
Iodine	"	<1 lb.	
Lithium carbonate	"	<1 lb.	
Mercuric chloride	"	<1 lb.	
Phosphorus pentoxide	"	<1 lb.	
Potassium hydroxide	"	c. 5 lb.	
Soda lime	"	c. 5 lb.	
Sodium bisulfite	"	<1 lb.	
Sodium hydroxide	"	c. 3 lb.	
Sodium hypochlorite	"	<1 gal	
Stannous chloride	"	<1 lb.	
Zinc nitrate	"	<1 lb.	
Hydroxylamine hydrochloride	"	c. ¼ lb.	
Mercaptoacetic acid	"	< ¼ lb.	
Phenol	"	<1 lb.	
Phenylmercuric acetate	"	<1 lb.	
Trichloroacetic acid	"	c. 1 pt.	
Ammonium metavanadate	"	<1 lb.	
Ammonium molybdate	"	<1 lb.	
Barium carbonate	"	<1 lb.	
Barium chloride	"	<1 lb.	
Barium hydroxide	"	<1 lb.	
Barium nitrate	"	<1 lb.	
Cupric carbonate	"	<1 lb.	
Cupric chloride	"	<1 lb.	
Cupric sulfate	"	c. 3 lb.	
Mercuric chloride	"	<1 lb.	
Mercuric iodide	"	<1 lb.	
Mercuric oxide	"	< ¼ lb.	
Mercuric sulfate	"	< ¼ lb.	
Mercuric thiocyanate	"	< ¼ lb.	
Mercury	"	c. 10 lb.	
Molybdenum trioxide	"	c. 3 lb.	
Potassium dichromate	"	< ½ lb.	
Selenium metal	"	< ¼ lb.	
Silver nitrate	"	< ¼ lb.	

Hazardous material	In use	In storage	Flash pt. °F
Sodium fluoride	Varies	c. 1 oz.	
Zinc chloride	"	c. 1 lb.	
Brucine sulfate	"	c. 2 oz.	
Dichloromethane	"	c. 7 gal.	
Formaldehyde	"	c. 1 gal.	
Oxalic acid	"	c. 1 lb.	
Salicylic acid	"	c. 1½ lb.	
2,4-Dinitrophenol	"	¼ lb.	
Diphenylamine	"	c. 1 lb.	
1,10-Phenanthroline	"	c. 1 oz.	
Ammonium nitrate	"	c. 1 lb.	
Ammonium persulfate	"	c. 1 lb.	
Barium nitrate	"	c. 1 lb.	
Cadmium nitrate	"	c. 1 lb.	
Calcium hypochlorite	"	1 lb.	
Calcium nitrate	"	c. 5 lb.	
Cobalt nitrate	"	c. 1 lb.	
Hydrogen peroxide	"	c. 1 pt.	
Ferric nitrate	"	c. 1 lb.	
Lead nitrate	"	c. 1 lb.	
Lithium nitrate	"	c. 1 lb.	
Lithium perchlorate	"	c. 1 lb.	
Magnesium nitrate	"	c. 1 lb.	
Magnesium perchlorate	"	c. 1 lb.	
Manganese dioxide	"	c. 1 lb.	
OXONE	"	c. ¼ lb.	
Potassium chromate	"	c. 1 lb.	
Sodium persulfate	"	c. 5 lb.	
Sodium dichromate	"	c. ½ lb.	
Sodium nitrate	"	c. 1 lb.	
Silver nitrate	"	c. ¼ lb.	
Potassium hydrogen iodate	"	c. ¼ lb.	
Potassium nitrate	"	c. 2 lb.	
Potassium permanganate	"	c. 1 lb.	
Potassium persulfate	"	c. 1 lb.	
N,N_diethyl-p-phenylenediamine sulfate	"	c. ¼ lb.	
Hydrazine sulfate	"	c. 1 lb.	

PLACE X ONLY IN BOXES

OCCUPANCY ACTIVITY REPORT

CAD ____ OIS ____ OF ____

OCC. CLASS	CITY	ADDRESS NO.	DIR.	STREET NAME	TYPE	CITY	SUITE OR UNIT	MONTH DAY YEAR
	P	4133	E	Broadway	Rd	P	#	12/06/85

NFPA CLASS	GROUP INSP. NO.	FIRE CODE PERMITS REQ	OCCUPANCY LOAD	# OF UNITS OR SUITES	PRIORITY	AREA OF RESPON
		YES ☐ NO ☐	DAY / NIGHT			23 —

SQ FT OF OCC INSP	STORIES	BASEMENTS	EMERGENCY LIGHTING	LOCK BOX	FIRE LANES	GUARD DOGS
		LEVELS / SQ. FT	YES ☐ NO ☐	YES ☐ NO ☐	YES ☐ NO ☐	YES ☐ NO ☐

# OF EXITS	# WITH FIREMAN FEATURE	EXIT PLANS	EXIT DRILLS	STANDPIPE SYSTEM	HOUSE LINES	FIRE PUMPS	HOOD SYS
		YES ☐ NO ☐	YES ☐ NO ☐	WET ☐ DRY ☐ NONE ☐	YES ☐ NO ☐	YES ☐ NO ☐	YES ☐ NO ☐

AUTOMATIC SPRINKLER SYS		SUPERVISOR NAME	PHONE	PREVIOUS FIRE HISTORY
FULL ☐ PART ☐ NONE ☐	UNSUPERVISED ☐			YES ☐ NO ☐

FIRE ALARM SYSTEM		SUPERVISOR NAME	PHONE	SEARCH WARRANT USED
YES ☐ NO ☐	UNSUPERVISED ☐			YES ☐ NO ☐

HAZARDOUS MATERIAL	BUILD PLACARDED	EXPLOSIVES TYPE	EXPLOSIVES MAGAZINE
YES ☐ NO ☐	YES ☐ NO ☐	NONE ☐ A ☐ B ☐ C ☐	YES ☐ NO ☐

FLAMMABLE LIQUID		LP GAS	
AG GALS	UG GALS	AG GALS	UG GALS

RESPONSIBLE PARTY LAST	FIRST	MI	INSP HRS	COMPLETED INSP DATE
LEWIS	BUD			— —

RESPONSIBLE PARTY LAST	FIRST	MI	HOME PHONE	BUILD DRAW REQUIRED	DRAWING COMPLETED
NAKAYAMA	FRANCIS			YES ☐ NO ☐	YES ☐ NO ☐

FLAM 4 / HEALTH 3 / REACTIVITY 2 / OXY

PROPERTY MANAGEMENT

OCCUPANCY NAME	PHONE	BUSINESS OWNER'S NAME LAST FIRST MI	HOME PHONE
U.S. WATER CONSERVATION LAB	261-4356		

BUILD/PROPERTY OWNER'S NAME LAST FIRST MI	HOME PHONE	INSURANCE COMPANY NAME	PHONE

RESPONSIBLE PARTY	LAST NAME	FIRST NAME	MI	DATE OF BIRTH

HOME ADDRESS	HOME PHONE	STATE	DRIVER'S LIC NO	SOCIAL SECURITY NUMBER

THE FOLLOWING ITEMS ARE IN VIOLATION

EXIT REQUIREMENTS	HAZARDOUS MATERIALS	FIRE PROTECTION	BUILDING & GROUNDS
1. NUMBER REQUIRED	9 STORAGE-HANDLING-USE	17 FIRE DEPARTMENT CONNECTIONS	25 DRY VEGETATION
2 DOOR WIDTH/SWING	10 HAZARDOUS CHEMICALS	18 AUTOMATIC SPRINKLERS	26 TRASH CONDITIONS
3. LOCKS: LATCHES	11 FLAMM /COMB LIQUIDS	19 AUTOMATIC EXTINGUISHING SYSTEM	27 FIRE LANES
4. EXIT SIGNS	12 L P GAS	20 PORTABLE EXTINGUISHERS	28 DANGEROUS CONDITIONS
5. POWER OPERATED DOORS	13 EXPLOSIVES	21 HYDRANTS	29 DECORATIVE MATERIALS
6 OBSTRUCTIONS/AISLES	14 HAZ MAT APPLICATION	22 FIRE ALARM SYSTEM	30 OPEN FLAME DEVICES
7. TRAVEL DISTANCE TO EXIT	15 FIRE DIAMOND (NFPA)	23 FIRE DOORS	31 ELECTRICAL
8. EMERGENCY LIGHTING	16 FIRE CODE PERMITS	24 STAND PIPE	32 OTHER — SPECIFY IN REMARKS

ITEM NO	FIRE CODE SECTION	SPEC REF	REMARKS	CORR REQ'D BY (DATE)	CORRECTED (DATE)	CORRECTION VERIFIED BY (PRINT NAME)
14	20		Submit Hazardous Materials Application as per attached letter, listing all chemicals or flammables used or stored on property.	12/20/85		

The items noted above are in violation of the Phoenix Fire Code. This is an official notice of ordinance violation requiring correction within the specified time. Failure to comply with these requirements may lead to legal action. Violation of the Phoenix Fire Code is as violation of City Ordinance G-2221, as amended, a Class 1 misdemeanor punishable by a fine not to exceed One Thousand Dollars or imprisonment not exceeding six months or both. This inspection is intended for your safety and the safety of the citizens of Phoenix. Your cooperation is greatly appreciated. For information concerning this inspection call **262-6771**

COPY RECEIVED	DATE	COMPANY INSPECTOR (NAME)	STATION NO / SHIFT
Bud Lewis	12/6/85	M M Alexander	FP

REFERRED TO FP INSPECTOR (NAME)	TURNOVER DATE	REFERRED TO CITY PROSECUTOR BY	DATE	FIRE INCIDENT REPORT NO.

FIRE PREVENTION

91-63 REV 5/83

FIRE DEPARTMENT
DIVISION OF FIRE PREVENTION
620 W. Washington St. • Room 167 • Phoenix, AZ 85003

HAZARDOUS MATERIALS PERMIT APPLICATION

For the confidential information of the Chief of the Division of Fire Prevention who shall use the data contained therein to evaluate the fire and explosion hazard.

ADDRESS: 4331 E. BROADWAY	OCCUPANCY NAME: U.S. WATER CONSERVATION LABORATORY
BLDG./PROP. OWNER NAME: U.S. WATER CONS. LAB. PHONE 261-4356	RESPONSIBLE PARTY: PHONE

NOTE: FILL OUT COMPLETELY AND RETURN TO ADDRESS AT TOP OF PAGE WITHIN _____ DAYS.

1. Indicate by a "Yes or No" for each of the following hazardous materials whether they are to be used, processed or stored in this building. (See back for definitions)

FLAMMABLE LIQUIDS YES
FLAMMABLE GASES YES DUSTS NO FIBERS NO
COMBUSTIBLE LIQUID YES
COMBUSTIBLE DUST NO FIBERS NO
EXPLOSIVE AND UNSTABLE YES
CORROSIVE YES
TOXIC YES
OXIDIZERS YES

2. Indicate equipment or process involving any of the above Material:

Hydraulic Equipment	☐	Dust Collectors	☐	Drying Rooms	☐
Indust./Medical Gas	☒	Electro Plating	☐	Flow Coaters	☐
Picking or Garnetting	☐	Spray Painting	☐	Dip Tanks	☐
Magnesium Processing	☐	Ovens, Process	☐	Baler or Shredder	☐
Molten Salt Baths	☐	Welding/Cutting	☒	Others	☐

3. List separately any hazardous materials indicated in item 1. Show maximum quantities in use, storage or processing and show flash point of flammable and combustible liquids.

LIST HAZARDOUS MATERIALS	AMT. IN USE	AMT. IN STORAGE	FLASH PT.
GASOLINE 4908178 UN1203		110 GALS MAX.	-45°F
DIESEL FUEL 4915113 NA 1993		55 GALS. MAX	
KCN, KOH, NAOH		< 1 LB EACH	
ACETIC ACID, CHLOROFORM, HEXANE, TETRAHYDROFURAN 4908834 UN1208		1 GAL EACH	6°F
ALCOHOL 4908132 UN1145		15 GALS	61°F
4908105 UN1090 ACETONE, CYCLOHEXANE 4930040 UN1830		4 GALS EACH	1°F
NH_4OH, SULFURIC ACID, NITRIC ACID, PERCHLORIC ACID, H_2O_2		1 GAL EACH	
ACETYLENE 4905701 UN1001		3 CYLINDERS	
OXYGEN 4904350 UN1072		2 CYLINDERS	
HYDROGEN 4905746 UN1049		1 CYLINDER	
METHANE 4905755 UN1971		1 CYLINDER	
MAGNESIUM RIBBON		< 1 LB.	
BETA RADIATION SOURCES, NEUTRON SOURCES			

I hereby certify that the use, storage or process of hazardous materials in this building will be limited as indicated above.

Signature Orrin F. French Date 12/12/85
Owner or Responsible Agent

PERSON TO CONTACT FOR ADDITIONAL HAZARDOUS MATERIAL INFORMATION.

_____ Phone _____

OCCUPANT

SS-10D
Rev. 2-80

§

HAZARDOUS MATERIALS SURVEY

ADDRESS NO.	DIR.	STREET	TYPE	SUITE #	CITY
4331	E	Broadway	Rd		P

OCCUPANCY NAME	SUBZONE	SQ.FT.
U.S. Water Conservation lab	20201	30954

PERMIT #	OCC CLASS	COMPLEX	NFPA CLASS	GROUP INSP.NO.
26474	INO		626	

==========

UNIT OF MEASURE EQUALS: G = GALLONS, L = POUNDS, C = CUBIC FEET
R = RADIOLOGICAL, E = ETIOLOGICAL

STCC # 49	AMOUNT	UNIT OF MEASURE	STCC # 49	AMOUNT	UNIT OF MEASURE
STCC # 4908178	110	G	STCC # 49		
STCC # 4915113	55	G	STCC # 49		
STCC # 4908183	1	G	STCC # 49		
STCC # 4908105	4	G	STCC # 49		
STCC # 4908132	4	G	STCC # 49		
STCC # 4930040	1	G	STCC # 49		
STCC # 4905701	750	C	STCC # 49		
STCC # 4904350	488	C	STCC # 49		
STCC # 4905746	176	C	STCC # 49		
STCC # 4905755		C	STCC # 49		
STCC # 49			STCC # 49		
STCC # 49			STCC # 49		
STCC # 49			STCC # 49		
STCC # 49			STCC # 49		
STCC # 49			STCC # 49		

PLEASE PRINT
PLACE X ONLY IN BOXES

FIRE DEPARTMENT
OCCUPANCY ACTIVITY REPORT

CAD ____ OIS ____

OCC. CLASS	CITY	ADDRESS NO.	DIR.	STREET NAME	TYPE	CITY	SUITE OR UNIT	MONTH DAY YEAR
1 N D	P	4 3 3 1 7	E	B R O A D W A Y	R D	P	# 1 0	1 0 1 5 8 4

NFPA CLASS	GROUP INSP. NO.	FIRE CODE PERMITS REQ	OCCUPANCY LOAD	# OF UNITS OR SUITES	PRIORITY	AREA OF RESPON
6 2 6		YES [X] NO [ ]	DAY 6 5 NIGHT 0 2	0	2	2 4 3 1

SQ. FT. OF OCC INSP	STORIES	BASEMENTS	EMERGENCY LIGHTING	LOCK BOX	FIRE LANES	GUARD DOGS
3 0 9 5 1 4	1 1	LEVELS 0 SQ. FT. 0	YES [X] NO [ ]	YES [ ] NO [X]	YES [X] NO [ ]	YES [ ] NO [X]

ELEVATORS # OF	# WITH FIREMAN FEATURE	EXIT PLANS	EXIT DRILLS	STANDPIPE SYSTEM	HOUSE LINES	FIRE PUMPS	HOOD SYS
0	0	YES [ ] NO [X]	YES [ ] NO [X]	WET [ ] DRY [ ] NONE [X]	YES [ ] NO [X]	YES [ ] NO [X]	YES [ ] NO [X]

AUTOMATIC SPRINKLER SYS	UNSUPERVISED	SUPERVISOR NAME	PHONE	PREVIOUS FIRE HISTORY
FULL [ ] PART [ ] NONE [X]				YES [ ] NO [X]

FIRE ALARM SYSTEM	UNSUPERVISED	SUPERVISOR NAME	PHONE	SEARCH WARRANT USED
YES [X] NO [ ]		Central Alarm		YES [ ] NO [X]

HAZARDOUS MATERIAL	BUILD PLACARDED	EXPLOSIVES TYPE	EXPLOSIVES MAGAZINE
YES [X] NO [ ]	YES [X] NO [ ]	NONE [X] A [ ] B [ ] C [ ]	YES [ ] NO [X]

FLAMMABLE LIQUID AG GALS	FLAMMABLE LIQUID UG GALS	LP GAS AG GALS	LP GAS UG GALS
0	0	0	0

RESPONSIBLE PARTY LAST	FIRST	MI	INSP HRS	COMPLETED INSP DATE
Ken G.	Mullins			12-11-84

RESPONSIBLE PARTY LAST	FIRST	MI	BUILD DRAW REQUIRED	DRAWING COMPLETED
Regiuato	R. J		YES [ ] NO [X]	YES [ ] NO [X]

FLAM 4 / HEALTH 3 / REACTY 3 / OXY / OTH

PROPERTY MANAGEMENT

OCCUPANCY NAME	PHONE	BUSINESS OWNER'S NAME LAST	FIRST	MI	HOME PHONE
U.S. Water Conservation Lab	261-4356	US Government			NA

BUILD/PROPERTY OWNER'S NAME LAST	FIRST	MI	HOME PHONE	INSURANCE COMPANY NAME	PHONE
US Government			NA	NA	NA

RESPONSIBLE PARTY LAST NAME	FIRST NAME	MI	HOME PHONE	STATE	DRIVER'S LIC NO
Mullins	Ken	G		AZ	NA

THE FOLLOWING ITEMS ARE IN VIOLATION

EXIT REQUIREMENTS		HAZARDOUS MATERIALS		FIRE PROTECTION		BUILDING & GROUNDS	
1 NUMBER REQUIRED		9 STORAGE-HANDLING-USE		17 FIRE DEPARTMENT CONNECTIONS		25 DRY VEGETATION	
2 DOOR WIDTH/SWING		10 HAZARDOUS CHEMICALS		18 AUTOMATIC SPRINKLERS		26 TRASH CONDITIONS	
3 LOCKS, LATCHES		11 FLAMM./COMB. LIQUIDS	X	19 AUTOMATIC EXTINGUISHING SYSTEM		27 FIRE LANES	
4 EXIT SIGNS	X	12 L P GAS		20 PORTABLE EXTINGUISHERS	X	28 DANGEROUS CONDITIONS	X
5 POWER OPERATED DOORS		13 EXPLOSIVES		21 HYDRANTS		29 DECORATIVE MATERIALS	
6 OBSTRUCTIONS/AISLES	X	14 HAZ MAT APPLICATION		22 FIRE ALARM SYSTEM		30 OPEN FLAME DEVICES	
7 TRAVEL DISTANCE TO EXIT		15 FIRE DIAMOND (NFPA)		23 FIRE DOORS		31 ELECTRICAL	
8. EMERGENCY LIGHTING		16 FIRE CODE PERMITS 26474 94 37401 CW 37402	X	24 STAND PIPE		32 OTHER — SPECIFY IN REMARKS	

ITEM NO	FIRE CODE SECTION	SPEC REF	REMARKS	CORR REQ'D BY (DATE)	CORRECTED (DATE)	CORRECTION VERIFIED BY (PRINT NAME)
16	F.C	Art 30	a welding & cutting permit is required for Shop area	11/24/84	12/1/84	Alvillar
16	F.C.	Art 16	a permit is required for storage and handling flammable Liquids	11/24/84	12/1/84	Alvillar

The items noted above are in violation of the Phoenix Fire Code. This is an official notice of ordinance violation requiring correction within the specified time. Failure to comply with these requirements may lead to legal action. Violation of the Phoenix Fire Code is as violation of City Ordinance G-2221, as amended, a Class 1 misdemeanor punishable by a fine not to exceed One Thousand Dollars or imprisonment not exceeding six months or both. This inspection is intended for your safety and the safety of the citizens of Phoenix. Your cooperation is greatly appreciated. For information concerning this inspection call 262-

RECEIVED	DATE	COMPANY INSPECTOR (NAME)	STATION NO	SHIFT
Richard M Patton	Oct 24, 1984	Ruben Alvillar	23	A

REFERRED TO F.P. INSPECTOR (NAME)	TURNOVER DATE	REFERRED TO CITY PROSECUTOR BY	DATE	FIRE INCIDENT REPORT NO

FIRE PREVENTION

91-63 REV. 5.

OCCUPANCY ACTIVITY REPORT

(SUPPLEMENTAL PAGE 2)

MONTH DAY YEAR: 10 15 84

STREET ADDRESS: 4331 E BROADWAY

OCCUPANCY NAME: U.S. WATER Conservation Lab

AREA OF RESPONSIBILITY:

	FIRE CODE SECTION	SPEC. REF.	REMARKS	CORR REQ'D BY (DATE)	Corrected (DATE)	CORRECTION VERIFIED BY (PRINT NAME)
4	1.23	CC 916	provide exit signs above all exit	11/24/84	11/28/84	Alvillar
			doors in main bldg, Hydraulic testing			
			bldg, Shop maintenance bldg			
20	14.2 14.3	NFPA 10	provide and mount 4A 20BC	11/24/84	11/28/84	Alvillar
			portable fire Extinguishers within 75' of All			
			areas of complex, plus each lab shall			
			have a 2A 10BC Extinguisher mounted			
			adjacent to the entrance door. The Shop			
			maintenance bldg shall have mounted by an exit			
			a 2A 40BC portable extinguisher.			
25	25.8		no combustible storage allowed within	11/24/84	11/28/84	Alvillar
			2' of ceiling in all bldgs			
	25.5		provide house cleaning for all storage	11/24/84	11/28/84	Alvillar
			sheds + Shop maintenance bldg			
11	16.3		provide a no smoking sign for paint	11/24/84	11/28/84	Alvillar
			storage shed			
6	1.23		provide 44" aisles to exits in hydraulic	11/24/84	11/28/84	Alvillar
			testing lab. Bldg #6			
		—	Rechecked 11/28/84 extinguishers still		12/4/84	Alvillar
			need to be mounted			

The items noted above are in violation of the Phoenix Fire Code. This is an official notice of ordinance violation requiring correction within the specified time. Failure to comply with these requirements may lead to legal action. Violation of the Phoenix Fire Code is a violation of City Ordinance G-2221, as amended, a Class 1 misdemeanor punishable by a fine not to exceed One Thousand Dollars or imprisonment not exceeding six months or both. This inspection is intended for your safety and the safety of the citizens of Phoenix. Your cooperation is greatly appreciated. For information concerning this inspection call 262-

COPY RECEIVED BY: Richard M Patton DATE: oct 24, 1984

COMPANY INSPECTOR (NAME): Ruben Alvillar

STATION NO SHIFT: 23A

REFERRED TO F.P. INSPECTOR (NAME)

TURNOVER DATE

REFERRED TO CITY PROSECUTOR BY

DATE

91-63.1 REV. 5/1

FIRE PREVENTION

PLACE X ONLY IN BOXES

OCCUPANCY ACTIVITY REPORT

CAD OIS

CLASS	CITY ADDRESS NO.	DIR	STREET NAME	TYPE	CITY	SUITE OR UNIT	MONTH	DAY	YEAR
I	P 4313	E	B R DALIWA LY		P	#1	11	12	84

FIRE CLASS	GROUP INSP. NO.	FIRE CODE PERMITS REQ.	OCCUPANCY LOAD	# OF UNITS OR SUITES	PRIORITY	AREA OF RESPON.
		YES ☐ NO ☐ DAY	NIGHT			

SQ. FT. OF OCC. INSP.	STORIES	BASEMENTS	EMERGENCY LIGHTING	LOCK BOX	FIRE LANES	GUARD DOGS
		LEVELS SQ. FT.	YES ☐ NO ☐	YES ☐ NO ☐	YES ☐ NO ☐	YES ☐ NO ☐

N WITH FIREMAN FEATURE	EXIT PLANS	EXIT DRILLS	STANDPIPE SYSTEM	HOUSE LINES	FIRE PUMPS	HOOD SYS.
	YES ☐ NO ☐	YES ☐ NO ☐	WET ☐ DRY ☐ NONE ☐	YES ☐ NO ☐	YES ☐ NO ☐	YES ☐ NO ☐

AUTOMATIC SPRINKLER SYS.	SUPERVISOR NAME	PHONE	PREVIOUS FIRE HISTORY
YES ☐ PART ☐ NONE ☐	UNSUPERVISED ☐		YES ☐ NO ☐

FIRE ALARM SYSTEM	SUPERVISOR NAME	PHONE	SEARCH WARRANT USED
YES ☐ NO ☐	UNSUPERVISED ☐		YES ☐ NO ☐

HAZARDOUS MATERIAL	BULK PLACARDED	EXPLOSIVES TYPE	EXPLOSIVES MAGAZINE
YES ☐ NO ☐	YES ☐ NO ☐	NONE ☐ A ☐ B ☐ C ☐	YES ☐ NO ☐

FLAMMABLE LIQUID	LP GAS
AG. GALS. / UG. GALS.	AG. GALS. / UG. GALS.

RESPONSIBLE PARTY	LAST	FIRST	MI	HOME PHONE	INSP. HRS.	COMPLETED INSP. DATE

RESPONSIBLE PARTY	LAST	FIRST	MI	HOME PHONE	BUILD. DRAW. REQUIRED	DRAWINGS COMPLETED
					YES ☐ NO ☐	YES ☐ NO ☐

FLAM. / HEALTH / REACT.

PROPERTY MANAGEMENT

OCCUPANCY NAME	PHONE	BUSINESS OWNER'S NAME LAST	FIRST	MI	HOME PHONE
U.S. WATER CONSERVATION LAB	261-4856	U.S. GOVT			

BUILD. PROPERTY OWNER'S NAME LAST	FIRST	MI	HOME PHONE	INSURANCE COMPANY NAME	PHONE

RESPONSIBLE PARTY LAST NAME	FIRST NAME	DATE OF BIRTH

HOME ADDRESS	HOME PHONE	STATE	DRIVER'S LIC. NO.	SOCIAL SECURITY NUMBER

PERMIT
DIVISION OF FIRE PREVENTION
620 NO. WASHINGTON
FEE PAID

THE FOLLOWING ITEMS ARE IN VIOLATION

EXIT REQUIREMENTS	HAZARDOUS MATERIALS	FIRE PROTECTION	BUILDING & GROUNDS
1. NUMBER REQUIRED	9. STORAGE HANDLING-USE	17. FIRE DEPARTMENT CONDITIONS	25. DRY VEGETATION
2. DOOR WIDTH SWING	10. HAZARDOUS CHEMICALS	18. AUTOMATIC SPRINKLERS	26. TRASH CONDITIONS
3. LOCKS, LATCHES	11. FLAMM./COMB. LIQUIDS	19. AUTOMATIC EXTINGUISHING SYSTEM	27. OPEN FLAMES
4. EXIT SIGNS	12. LP GAS	20. PORTABLE EXTINGUISHERS	28. DANGEROUS CONDITIONS
5. POWER OPERATED DOORS	13. EXPLOSIVES	21. HYDRANTS	29. DECORATIVE MATERIALS
6. OBSTRUCTIONS/AISLES	14. HAZ. MAT. APPLICATION	22. FIRE ALARM SYSTEM	30. OPEN FLAME DEVICES
7. TRAVEL DISTANCE TO EXIT	15. FIRE DIAMOND (NFPA)	23. FIRE DOORS	31. ELECTRICAL
8. EMERGENCY LIGHTING	16. FIRE CODE PERMITS	24. STAND PIPE	32. OTHER SPECIFY IN REMARKS

DATE: 11/12/84
CONDITIONS: [illegible]

ITEM NO.	FIRE CODE SECTION	SPEC. REF.	REMARKS	FIRE REQ'T BY DATE	CORRECTED DATE	CORRECTION VERIFIED BY (INITIALS)
			PERMIT # 37401 pivc			
			Permit to store, use and, when applicable, dispense flammable/combustible liquids in a safe manner in accordance with the Phoenix Fire Prevention Code, Article 16. THIS PERMIT NOT TRANSFERABLE			
x192			*operate a self-service station xxx Store and use only F108 Commercial building			
d192			*Owner service station (Private, Commercial, Industrial) d192 *Service station (Public, Retail)			

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RECEIVED	DATE	COMPANY INSPECTOR (NAME)	STATION NO.	SHIFT
[illegible]	19 Dec 84	R. Butler	23	A

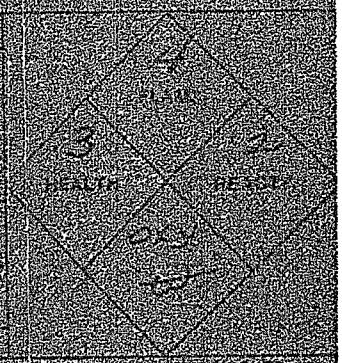
REFERRED TO F.P. INSPECTOR (NAME)	TURNOVER DATE	REFERRED TO CITY PROSECUTOR BY	DATE	FIRE INCIDENT REPORT NO.

FIRE PREVENTION 91-63 REV.

[illegible]	STREET NUMBER 4331 E. Broadway		May 25, 1982

EMERGENCY INFORMATION

[illegible]	BASEMENT LEVELS	FLAMMABLE LIQUID LOCATION	
[illegible]	LOCK BOX LOCATION	ALARM SYSTEM	HOOD SYSTEM
[illegible] LOCATION	SPRINKLER LOCATION	SUPP. NAME	PHONE
[illegible] LOCATION	ELEVATOR FIREMEN FEATURE	YES	
[illegible]	RESPONSIBLE PARTY		PHONE



PROPERTY MANAGEMENT

OCCUPANT NAME: USDA, Agriculture Research Service	BUS. OWNER NAME	HOME PHONE	PROPERTY
BUS. PROP. OWNER NAME	HOME PHONE	NFPA CLASS / FIRE UNITS	STORIES / PROPERTY

THE FOLLOWING ITEMS ARE IN VIOLATION OF THE FIRE CODE

EXIT REQUIREMENTS	EXIT SIGNS	FIRE PROTECTION	BUILDING & GROUNDS
1. NUMBER REQUIRED	10. MISSING	16. FIRE DEPARTMENT CONNECTIONS	24. DRY VEGETA
2. DOOR WIDTH	HAZARDOUS MATERIALS	17. AUTOMATIC SPRINKLERS	25. TRASH DONDITIONS
3. DOORS, LATCHES	11. HAZARDOUS CHEMICALS	18. AUTOMATIC EXTINGUISHING SYSTEM	26. FIRE LANES
4. DOOR SWINGS	12. FLAMMABLE LIQUID STORAGE	19. PORTABLE EXTINGUISHERS	27. EMERGENCY LIGHTING
5. POWER OPERATED DOORS	13. LIPGAS	20. HYDRANTS	28. DECORATIVE MATERIALS
6. OBSTRUCTIONS	14. EXPLOSIVES	21. FIRE ALARM SYSTEM	29. OPEN FLAME DEVICES
7. TRAVEL DISTANCE TO EXIT	15. PERMITS 26474	22. FIRE DOORS	30.
8. TURNTABLES	NO. 151		30. OTHER — SPECIFY IN REMARKS

ITEM NO.	FIRE CODE SECTION	SPECIFICATION REFERENCE	REMARKS	CORRECTION REQ'D BY (DATE)	FIRE CHECK DATE	CORRECTED (DATE)
			Permit for storage and handling of Hazardous Materials as per your application.			
			Any increase in quantity or addition of other Hazardous Materials will VOID this permit unless you first notify this office.			

No Charge
5/25/82
[signature]

The items noted above are in violation of the Phoenix Fire Code. This is an official notice of ordinance violation requiring correction within the specified time. Failure to comply with these requirements may lead to legal action. Violation of the Phoenix Fire Code is a violation of City Ordinance G-1141, as amended, a Class 1 misdemeanor punishable by a fine not to exceed One Thousand Dollars or imprisonment not exceeding six months or both. This inspection is intended for your safety and the safety of the citizens of Phoenix. Your cooperation is greatly appreciated. For information concerning this inspection call 262-

COPY RECEIVED BY: [signature]		COMPANY OFFICER NAME: [signature]	DESIGNATION: 23-2
PRECEDING FIRE DIRECTOR (NAME)	DATE	REFERRED TO CITY PROSECUTOR BY	DATE

FIRE PREVENTION

FIRE DEPARTMENT
DIVISION OF FIRE PREVENTION

HAZARDOUS MATERIALS PERMIT APPLICATION

For the confidential information of the Chief of the Division of Fire Prevention who shall use the data contained therein to evaluate the fire and explosion hazard.

Address: 4 [illegible] East Broadway

Owner: [illegible] Research Service

Size of New Building or Addition

Use of New Building or Addition

Present Use of Existing Building Areas: Laboratory Research

Stories (Area): 1 [illegible]

1. Indicate by a "Yes" or "No" for each of the following hazardous materials whether they are to be used, processed or stored in this building. (See back for definitions)

FLAMMABLE LIQUIDS A YES B YES C YES D NO
FLAMMABLE GASES YES DUSTS NO FIBERS NO
COMBUSTIBLE LIQUID YES
COMBUSTIBLE DUST NO FIBERS NO
EXPLOSIVE AND UNSTABLE YES
CORROSIVE YES
TOXIC YES
OXIDIZERS YES

2. Indicate equipment or process involving any of the above Material.

Hydraulic Equipment		Dust Collectors		Drying Rooms	
Indust./Medical Gas	X	Electro Plating		Flow Coaters	
Picking or Cementing		Spray Painting		Dip Tanks	
Magnesium Processing		Ovens, Process		Balerror Shredder	
Molten Salt Baths		Welding/Cutting		Others	

3. List separately any hazardous materials indicated in item 1. Show max. quantities in use, storage or processing and show flash point of flammable and combustible liquids.

LIST HAZARDOUS MATERIALS	AMT. IN USE	AMT. IN STORAGE	FLASH PT.
CYCLOHEXANE	[illegible]	[illegible]	
ACETONE	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	
GLACIAL ACETIC ACID	[illegible]	[illegible]	
SULFURIC ACID	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	

I hereby certify that the use, storage or process of hazardous materials in this building will be limited as indicated above.

Signature: _____ Owner or Responsible Agent Date: _____

PERSON TO CONTACT FOR ADDITIONAL HAZARDOUS MATERIAL INFORMATION

[illegible] Phone: [illegible]

NO CARBON PAPER REQUIRED

PLACE "X" ONLY IN BOXES — OCCUPANCY ACTIVITY REPORT — PLEASE PRINT

OCC. CLASS	ADDRESS NO.	DIR.	STREET NAME	TYPE	SUITE OR UNIT #	CITY	MONTH	DAY	YEAR
Tuo	433	E	BROADWAY	ST	201	PHX	03	03	82

HFPA CLASS	STATE LIC. REQ.	PERMITS REQUIRED	OCCUPANCY LOAD	NO. OF UNITS OR SUITES	PRIORITY	AREA OF RESPONSIBILITY
626	YES ☐ NO ☒	YES ☒ NO ☐ DAY	45 NIGHT	02	201	2 2 3

SQ. FT. OF BUILD.	STORIES	BASEMENTS	POWER LIGHTING	LOCK BOX	FIRE LANES	GUARD DOGS
30754	01	LEVELS 0 SQ. FT. 0	YES ☒ NO ☐	YES ☐ NO ☒	YES ☒ NO ☐	YES ☐ NO ☒

EXITS	W/WITH FIREMAN FEATURE	EXIT PLANS	EXIT DRILLS	STAND PIPE SYSTEM	FORCE LINES	FIRE PUMPS	HOOD SYS.
10	12	YES ☐ NO ☒	YES ☐ NO ☒	WET ☐ DRY ☐ NONE ☒	YES ☐ NO ☒	YES ☐ NO ☒	YES ☐ NO ☒

AUTOMATIC SPRINKLER SYS.	UNSUPERVISED	SUPERVISOR NAME	PHONE	PREVIOUS FIRE HISTORY
FULL ☐ PART ☐ NONE ☒	☐			YES ☐ NO ☒

FIRE ALARM SYSTEM	UNSUPERVISED	SUPERVISOR NAME	PHONE	SEARCH WARRANT USED
YES ☒ NO ☐	☐	Central Alarm		YES ☐ NO ☒

HAZARDOUS MATERIAL	BUILD. PLACARDED	EXPLOSIVES TYPE	EXPLOSIVE MAGAZINES
YES ☒ NO ☐	YES ☐ NO ☒	NONE ☒ A ☐ B ☐ C ☐	YES ☐ NO ☒

FLAMMABLE LIQUID	LP GAS
AG GALS 00 / UG GALS 00	AG GALS 00 / UG GALS 00

FLAM 4 / HEALTH 3 / REACTIV 2 / SPEC 8

RESPONSIBLE PARTY	PRE-FIRE PLAN CRITERIA
Ken B. Mullins	9a 9b 9c

RESPONSIBLE PARTY	BUILD. DRAW. REQUIRED	DRAWING COMPLETED
R. J. Cognato	YES ☐ NO ☒	YES ☐ NO ☐

PROPERTY MANAGEMENT

OCCUPANCY NAME	PHONE	BUSINESS OWNER'S NAME	HOME PHONE
U.S. Water Conservation Lab	261-4554	U.S. Government	NA

BUILD. PROPERTY OWNER'S NAME	HOME PHONE	INSURANCE COMPANY NAME	PHONE
U.S. Government	NA	NA	NA

LEGAL RESPONSIBLE PARTY	FIRST NAME	MIDDLE INITIAL	LAST NAME	SOCIAL SECURITY NUMBER
	Ken	G.	Mullins	

THE FOLLOWING ITEMS ARE IN VIOLATION

EXIT REQUIREMENTS		9. EXIT SIGNS		FIRE PROTECTION		BUILDING & GROUNDS	
1. NUMBER REQUIRED		10. AISLES		16. FIRE DEPARTMENT CONNECTIONS		24. DRY VEGETATION	
2. DOOR WIDTH		HAZARDOUS MATERIALS		17. AUTOMATIC SPRINKLERS		25. TRASH CONDITIONS	
3. LOCKS, LATCHES		11. HAZARDOUS CHEMICALS		18. AUTOMATIC EXTINGUISHING SYSTEM		26. FIRE LANES	
4. DOOR SWING		12. FLAMMABLE LIQUID STORAGE		19. PORTABLE EXTINGUISHERS		27. EMERGENCY LIGHTING	
5. POWER OPERATED DOORS		13. LP GAS		20. HYDRANTS		28. DECORATIVE MATERIALS	
6. OBSTRUCTIONS		14. EXPLOSIVES		21. FIRE ALARM SYSTEM		29. OPEN FLAME DEVICES	
7. TRAVEL DISTANCE TO EXIT		15. PERMIT # [illegible]	☒	22. FIRE DOORS		30.	
8. HUMP DOORS		PERMIT # 26479		23. STAND PIPE		31. OTHER — SPECIFY IN REMARKS	

ITEM NO.	FIRE CODE SECTION	SPECIFICATION REFERENCE	REMARKS	CORRECTION REQ'D BY DATE	RECHECK DATE	CORRECTED DATE
15	15.2	P.C.	Permit Required for storage, handling & use of hazardous materials	9/8/82		9/26

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COPY RECEIVED	DATE	COMPANY INSPECTOR NAME	STATION NO. / SHIFT	
Donald G. Mullins	5/27/82	[illegible]	2-2 3C	

REFERRED TO F.P. INSPECTOR (NAME)	TURNOVER DATE	REFERRED TO CITY PROSECUTOR BY	DATE	FIRE INCIDENT REPORT NO.

FIRE PREVENTION — 91-63 REV. 10

PLACE X ONLY IN BOXES

OCCUPANCY ACTIVITY REPORT

CAD YU OIS OF

OCC. CLASS	CITY	ADDRESS NO.	DIR.	STREET NAME	TYPE	CITY	SUITE OR UNIT	MONTH	DAY	YEAR
I N D	P	4135	E	BROADWAY	RD	P	#101	01	22	88

NFPA CLASS	GROUP INSP NO.	FIRE CODE PERMITS REQ	OCCUPANCY LOAD	# OF UNITS OR SUITES	PRIORITY	AREA OF RESPON
626	N/A	YES ☒ NO ☐	DAY 52 NIGHT 0	0	2	213-1

SQ FT OF OCC INSP	STORIES	BASEMENTS	EMERGENCY LIGHTING	LOCK BOX	FIRE LANES	GUARD DOGS
23,479	01	LEVELS 0 SQ. FT. 0	YES ☒ NO ☐	YES ☐ NO ☒	YES ☐ NO ☒	YES ☐ NO ☒

EL # OF	# WITH FIREMAN FEATURE	EXIT PLANS	EXIT DRILLS	STANDPIPE SYSTEM	HOUSE LINES	FIRE PUMPS	HOOD SYS
0	0	YES ☒ NO ☐	YES ☒ NO ☐	WET ☐ DRY ☐ NONE ☒	YES ☐ NO ☒	YES ☐ NO ☒	YES ☐ NO ☒

AUTOMATIC SPRINKLER SYS	UNSUPERVISED	SUPERVISOR NAME	PHONE	PREVIOUS FIRE HISTORY
FULL ☐ PART ☐ NONE ☒	☐			YES ☐ NO ☒

FIRE ALARM SYSTEM	UNSUPERVISED	SUPERVISOR NAME	PHONE	SEARCH WARRANT USED
YES ☒ NO ☐	☐	CENTRAL ALARM	N/A	YES ☐ NO ☒

HAZARDOUS MATERIAL	BUILD PLACARDED	EXPLOSIVES TYPE	EXPLOSIVES MAGAZINE
YES ☒ NO ☐	YES ☒ NO ☐	NONE ☒ A ☐ B ☐ C ☐	YES ☐ NO ☒

FLAMMABLE LIQUID AG GALS	FLAMMABLE LIQUID UG GALS	LP GAS AG GALS	LP GAS UG GALS
	0	0	0

FLAM 4 HEALTH 4 REACTY 3 OXY

RESPONSIBLE PARTY LAST	FIRST	MI	INSP HRS	COMPLETED INSP DATE
MAUNEY	J.	R.		05-17-88

RESPONSIBLE PARTY LAST	FIRST	MI	BUILD DRAW REQUIRED	DRAWING COMPLETED
HENNEBERRY	T.	J.	YES ☐ NO ☐	YES ☐ NO ☐

PROPERTY MANAGEMENT

OCCUPANT'S NAME	PHONE	BUSINESS OWNER'S NAME LAST	FIRST	MI
WESTERN COTTON RESEARCH	261-3524	U.S. DEPT OF AGRICULTURE		

BUILD/PROPERTY OWNER'S NAME LAST	FIRST	MI	INSURANCE COMPANY NAME	PHONE
U.S. DEPT OF AGRICULTURE			SELF INS.	N/A

RESPONSIBLE PARTY	LAST NAME	FIRST NAME	MI	DATE OF BIRTH
	MULLINS	KEN		N/A

STATE	DRIVER'S LIC NO	SOCIAL SECURITY NUMBER
	N/A	N/A

0 THE FOLLOWING ITEMS ARE IN VIOLATION

EXIT REQUIREMENTS	HAZARDOUS MATERIALS	FIRE PROTECTION	BUILDING & GROUNDS
1. [illegible]R REQUIRED	9 STORAGE-HANDLING-USE	17 FIRE DEPARTMENT CONNECTIONS	25 DRY VEGETATION
2 DOOR WIDTH/SWING	10. HAZARDOUS CHEMICALS	18 AUTOMATIC SPRINKLERS	26 TRASH CONDITIONS
3. LOCKS, LATCHES	11. FLAMM /COMB LIQUIDS	19 AUTOMATIC EXTINGUISHING SYSTEM	27 FIRE LANES
4. EXIT SIGNS	12. L P GAS	20 PORTABLE EXTINGUISHERS	28 DANGEROUS CONDITIONS
5 POWER OPERATED DOORS	13 EXPLOSIVES	21 HYDRANTS	29 DECORATIVE MATERIALS
6. OBSTRUCTIONS/AISLES	14 HAZ MAT APPLICATION	22 FIRE ALARM SYSTEM	30 OPEN FLAME DEVICES
7. TRAVEL DISTANCE TO EXIT	15 FIRE DIAMOND (NFPA)	23 FIRE DOORS	31 ELECTRICAL
8 EMERGENCY LIGHTING	16 FIRE CODE PERMITS 37233	24 STAND PIPE	32 OTHER -- SPECIFY IN REMARKS

ITEM NO	FIRE CODE SECTION	SPEC REF	REMARKS 37233 37232	CORR REQ'D BY (DATE)	CORRECTED (DATE)	CORRECTION VERIFIED BY (PRINT NAME)
	20		Complete hazardous material			
			application and provide			
			Material Safety Data Sheet			
			for all chemicals listed		3/29/88	Roland

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CO[illegible]IVED BY	DATE	COMPANY INSPECTOR (NAME)	STATION NO / SHIFT
Nancy Cutice	1/28/88	Barbara Roland	

REFERRED TO F.P. INSPECTOR (NAME)	TURNOVER DATE	REFERRED TO CITY PROSECUTOR BY	DATE	FIRE INCIDENT REPORT NO

FIRE PREVENTION

91-63 REV. 5/8

FIRE DEPARTMENT

OCCUPANCY ACTIVITY REPORT

(SUPPLEMENTAL PAGE 2)

MONTH DAY YEAR: 01 27 88

STREET ADDRESS: 4135 E Broadway Rd

OCCUPANCY NAME: Arizona Cotton Research

AREA OF RESPONSIBILITY

ITEM NO.	FIRE CODE SECTION	SPEC. REF.	REMARKS	CORR REQ'D BY (DATE)	Corrected (DATE)	CORRECTION VERIFIED BY (PRINT NAME)
	1.23	915	Repair emergency lights in corridor-main laboratory building	2/15	4/14/88	Roland
	11	802	All exit corridors to be maintained free and clear of combustible storage at all times	2/15/88	5/17/88	Roland
	1.23	CC 8020 D.	All doors on fire rated corridors to be closed at all times or doors may be connected to fire alarm system to close in the event of fire.	2/15/88	5/17/88	Roland
	1.23	NFPA 45	See attached for flammable liquid classification.			
		ch. 7-2	Storage of chemicals shall meet Table 7-2 for container size	2/15/88	5/17/88	Roland
		ch 2-2	with Table 2-2 showing maximum quantities outside of flammable liquid storage rooms.	2/15/88	5/17/88	Roland

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COPY RECEIVED BY: Nancy J Curtice DATE 1/28/88

COMPANY INSPECTOR (NAME): Barbara Roland

STATION NO SHIFT

REFERRED TO F.P. INSPECTOR (NAME)

TURNOVER DATE

REFERRED TO CITY PROSECUTOR BY

DATE

91-63.1 REV. 5/8

FIRE PREVENTION

OCCUPANCY ACTIVITY REPORT

(SUPPLEMENTAL PAGE 3)

MONTH	DAY	YEAR
01	27	88

STREET ADDRESS: Arizona Cotton Research 4135 E Broadway Rd

OCCUPANCY NAME

AREA OF RESPONSIBILITY

IT	FIRE CODE SECTION	SPEC. REF.	REMARKS	CORR REQ'D BY (DATE)	Corrected (DATE)	CORRECTION VERIFIED BY (PRINT NAME)
	123	NFPA 45	Provide and Post exit plans			
		4-1.1	and emergency plans showing			
			EXIT and emergency equipment			
			(alarm and Fire extinguishers).			
			equipment shutdown procedures			
			shall also be posted.	2/15/88	5/17/88	Roland

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COPY RECEIVED BY: Nancy J Curtice DATE 1/28/88

COMPANY INSPECTOR (NAME): Barbara Roland

STATION NO. SHIFT

REFERRED TO F.P. INSPECTOR (NAME)

TURNOVER DATE

REFERRED TO CITY PROSECUTOR BY

DATE

91-63.1
REV. 5/8

FIRE PREVENTION

CITY OF PHOENIX, ARIZONA
FIRE DEPARTMENT
DIVISION OF FIRE PREVENTION
620 W. Washington St. • Room 167 • Phoenix, AZ 85003

PERMIT NUMBER

HAZARDOUS MATERIALS PERMIT APPLICATION

For the confidential information of the Chief of the Division of Fire Prevention who shall use the data contained therein to evaluate the fire and explosion hazard.

ADDRESS 4135 E. BROADWAY RD Phoenix	OCCUPANCY NAME U.S. Dept. of Agriculture Western Cotton Research Laboratory
BLDG./PROP. OWNER NAME U.S. Dept of Ag. PHONE 261-3714 261-3524	RESPONSIBLE PARTY T.J. Henneberry / Nancy Curtice PHONE 261-3524

NOTE: FILL OUT COMPLETELY AND RETURN TO ADDRESS AT TOP OF PAGE WITHIN _____ DAYS.

1. Indicate by a "Yes or No" for each of the following hazardous materials whether they are to be used, processed or stored in this building. (See back for definitions)

FLAMMABLE LIQUIDS yes
FLAMMABLE GASES yes DUSTS no FIBERS no
COMBUSTIBLE LIQUID yes
COMBUSTIBLE DUST no FIBERS no
EXPLOSIVE AND UNSTABLE yes
CORROSIVE yes
TOXIC yes
OXIDIZERS yes

2. Indicate equipment or process involving any of the above Material:

Hydraulic Equipment	☐	Dust Collectors	☐	Drying Rooms	☐
Indust./Medical Gas	☒	Electro Plating	☐	Flow Coaters	☐
Picking or Garnetting	☐	Spray Painting	☐	Dip Tanks	☐
Magnesium Processing	☐	Ovens, Process	☐	Baler or Shredder	☐
Molten Salt Baths	☐	Welding/Cutting	☐	Others	☐

3. List separately any hazardous materials indicated in item 1. Show maximum quantities in use, storage or processing and show point of flammable and combustible liquids.

LIST HAZARDOUS MATERIALS	AMT. IN USE	AMT. IN STORAGE	FLASH PT.
LABORATORY contains:			
acids, oxidizers, chlorinated compounds,			
solvents, and organic & inorganic			
compounds			
Lab # 25 contains cesium source (1800 Ci)			
Chem storage contains above plus:			
herbicides, defoliants, and			
patented + experimental			
pesticides	millicurie amounts		
RADIATION laboratories contain small amounts			
of radioactive chemicals eg C^{14} + H^3			

I hereby certify that the use, storage or process of hazardous materials in this building will be limited as indicated above.

Signature Nancy J Curtice Date 2/15/88.
Owner or Responsible Agent

TO CONTACT FOR ADDITIONAL HAZARDOUS MATERIAL INFORMATION.

Name NANCY CURTICE Phone 261-3524

FIRE PREVENTION

90-10D
Rev. 2-80

CHEMICAL AND HAZARDOUS MATERIALS INVENTORY

Name of Person	Chemical	Flash Pt	Flamm'ty	Location	Person Respon.	Quantity	Type
WILSON							
	Galecron 4E				Stapp	gal,1	Insecticide
2-3-0	Pydrin				Stapp	qt,1	Insecticide
	Karmex				Stapp	lb,4	Insecticide
	Caparol				Stapp	gal,2	Insecticide
	MSMA				Stapp	gal,4	Insecticide
3-0-2	Sulfuric Acid	not minus45	not highly	chm shed	Stapp	gal,4	Acid
2-3-0	Gasoline	plus55	moderate		Stapp	gal,1	Fuel
1-3-0	Alcohol				Stapp	gal,3	
	GH-27				Stapp	gal,1	Insecticide
	Formaldehyde	125	not	1-13	Szaro	liter,1.5	
	Glacial Acetic	104	slight	1-13	Szaro	gal,1.5	Acid
0-3-0	Ethanol,95%	55	moderate	1-13	Szaro	gal,0.5	
0-3-0	Ethyl Alcohol	55	moderate	genetics	Bartlett	gal,10	
2-3-0	Propyl Alcohol	59	highly	genetics	Bartlett	gal,5	
	Spirit Fluid			genetics	Bartlett	gal,3	
2-3-0	n-Propyl Alcohol	59	highly	genetics	Bartlett	gal,5	
1-3-0	Acetone	1.4	highly	genetics	Bartlett	gal,3	
	Tetramethylethylenediamine(hydrazine)	126	slight	genetics	Bartlett	gms,1000	
	CO-2	not	not	genetics	Bartlett	6	Cylinder
3-0-0	Chloroform	not	not	chm shed	Bartlett	gal,5	
1-3-0	Acetone	1.4	highly	chm shed	Bartlett	gal,0.5	
	Formaldehyde	125	not	chm shed	Bartlett	gal,10	
	Glycerol,glycerine	320	highly	chm shed	Bartlett	gal,10	
2-3-0	Methanol	52	highly	genetics	Bartlett	gal,5	
	Cesium 137 source			1-25	Bartlett	ci,1800	irradiation source
	Methylene Chloride,dichloromethane	not	not	1-1	Flint	gal,1	
1-3-0	Acetone	1.4	highly	1-1	Flint	gal,1	
2-3-0	Ethanol	55	moderate	1-1	Flint	gal,1	
	Formaldehyde	125	not	1-1	Flint	gal,1	
0-3-0	Ethanol	55	moderate	1-1	Flint	gal,4	
2-3-1	Acetic Acid	104	slight	1-1	Flint	pint,1	
3-0-0	Hydrochloric Acid	not	not	1-1	Flint	pint,1	
	Nitrogen	not	not	1-1	Flint	1	Cylinder
	CO-2	not	not	1-1	Flint	small,2	Cylinders
2-3-0	Kerosene	not	slight	1-1	Flint	gal,1	Fuel carcinoge
BARIOLA	Chlorflurenol			chm shed	Bariola	gal,35	
1-3-0	Acetone	1.4	highly	chm shed	Bariola	gal,54	
	Paint, enamel			chm shed	Leggett	gal,8	
	Thinner			chm shed	Leggett	gal,3	
3-2-0	Sodium Hypochlorite	not		rearing	Moug	gal,30-180	
	Formaldehyde	125	not	rearing	Moug	gal,20	
2-2-1	Acetic acid	104	slight	rearing	Moug	lbs,20	
HENNEBERRY							
2-3-0	Methanol	52	highly	1-19	Clayton	qt,1	
	Potassium Cyanide	not	slight	1-18	Hamilton	qt,1	
	Hydrochloric Acid	not	not	1-22	Akey	ltr,2.5	
	Ammonium Hydroxide	not	slight	1-22	Akey	ltr,2	
	Nitric Acid	not	not	1-22	Akey	ltr,2.5	

	Vapon 2				1-22	Akey	gal,2	Insecticide	
	Formaldehyde		125	not	1-22	Akey	gal,2		
	Ethanol		55	moderate	1-22	Akey	gal,1		
	Toluene		40	slight	1-22	Akey	pt,2.5		
	Benzene		12	highly	1-22	Akey	pt,1		Carcinoge
	Heptanal Practical CH3(CH2)5CHO				1-22	Akey	pt,0.5		FW114.19
	Argon	not		not	1-24a	Akey		3 Cylinder	
	CO-2	not		not	1-21	Coudriet		2 Cylinder	
	Ethanol		55	moderate	1-23	Hutch.	gal,1		
APHIS									
	Orthene 75S soluable powder				chm shed	Larry	lbs,140	Insecticide	
	Orthene speciality concentrate				chm shed	Larry	lb,12	Insecticide	
	Orthene Snail Bait				chm shed	Larry	lb,2	Insecticide	
	Mesuro WP				chm shed	Larry	lb,5	Insecticide	
	Ambush				chm shed	Larry	qt,2	Insecticide	
	Pyrenone				chm shed	Larry	qt,1	Insecticide	
	Sevin 20% WP				chm shed	Larry	lb,40	Insecticide	
	Sevin 20% bait				chm shed	Larry	lb,25	Insecticide	
	Bran Bait (two paper bags)				chm shed	Larry	lb,50	Insecticide	
	Sevin 4 oil			moderate	chm shed	Larry	gal,5	Insecticide	
	Sevin 4 oil (one 55 gal drum)			moderate	chm shed	Larry	gal,25	Insecticide	
	Sevin 4 oil (2 drums)			moderate	chm shed	Larry	gal,110	Insecticide	
	Sevin UCSF				chm shed	Larry	lb,5	Insecticide	
	Sevin SL2				chm shed	Larry	lb,20	Insecticide	
	UC 51762 2% snail bait				chm shed	Larry	lb,3	Insecticide	
	Cygon 2E				chm shed	Larry	gal,1	Insecticide	
	Caryophyllene Extra FCC				chm shed	Larry	lb,25		
	Snail and slug bait M				chm shed	Larry	lb,50	Insecticide	
	Snail and Slug bait grandules				chm shed	Larry	lb,50	Insecticide	
	Lance 4G				chm shed	Larry	lb,10	Insecticide	
	Comate 102				chm shed	Larry	gal,3	Insecticide	
	Hexane				chm shed	Larry	gal,15		
	Malathion CR				chm shed	Larry	gal,55	Insecticide	
	Malathion ULV				chm shed	Larry	gal,5	Insecticide	
	Dimilin 25W				chm shed	Larry	lb,2	Insecticide	
	Triton X190				chm shed	Larry	qt,2		
	Misc snail bait				chm shed	Larry	sm bxs, 3		
					chm shed	Larry	bxs,3		
CHEMICAL	SHED								
	Isobutyl Alcohol		84	slight			gal,5		
	Tertbutyl Alcohol			highly			gal,5		
	Chloroform	not		not			ltr,4		
	Toluene		40	slight			ltr,20		
	Benzene		12	highly					
	Caustic Soda Bead, Sodium Hydroxide	not		not					reacts wi
	Petroleum Ether, Benzine		0	highly			gal,5		
	Kerosene		100	slight			gal,65		
	Butanol		84	slight			gal,2		
	Muriatic Acid (HCl)	not		highly			lb,128		
	Nitric Acid	not		not			ltr,24		
	Sulfuric Acid	not		not			ltr,28		
	Methanol		52	highly			ltr,8		
	Hydrochloric Acid	not		not			ltr,16		
	Formaldehyde		125	not			gal,5		
	Acetone		1.4	highly			gal,140		

	Pyridine	68	highly				ltr,4		
	Tert Amyl Alcohol	67	highly				pt,8		
	Methyl Parathion						gal,5	Insecticide	
	Stanffarpretar4-e						gal,5		
	Pencapp						gal,5		
	Glyceral,Glycerine	320	highly				gal,9		
GUINN									
	Formaldehyde	125	not	1-5		Guinn	ltr,12		
	Ethyl Acetate	24	highly	1-5		Guinn	ltr,6		
	N hexane	minus7	moderate	1-5		Guinn	ltr,2		
	Dichloromethane	not	not	1-5		Guinn	ltr,4		
	Acetone	1.4	highly	1-5		Guinn	ltr,4		
	Acetic Acid	104	slight	1-5		Guinn	ltr,21		
	Phosphoric Acid	not	not	1-5		Guinn	ltr,8		
	Sulfuric Acid	not	not	1-5		Guinn	ltr,3		
	Hydrochloric Acid	not	not	1-5		Guinn	ltr,8		
	Chloroform	not	not	1-5		Guinn	ltr,4		
	Propanol2	59	moderate	1-5		Guinn	gal,2		
	Propanol2	59	moderate	1-5		Guinn	ltr,8		
	Pyridine	68	highly	1-5		Guinn	ltr,12		
	Dimethyl Sulfoxide (DMSO)	203	slight	1-5		Guinn	ltr,8		
	Benzene	12	highly	1-5		Guinn	ltr,8		carcinoge
	Toluene	40	slight	1-5		Guinn	gal,2		
	Ethyl Alcohol	55	moderate	flam cab		Guinn	gal,10		
	Butyl Alcohol	84	slight	flam cab		Guinn	gal,4		
	Xylene	81	slight	flam cab		Guinn	gal,5		
	Hexanes	minus 7	not	flam cab		Guinn	gal,3		
	Heptane	25	highly	flam cab		Guinn	gal,3		
	Ethyl Acetate	24	highly	flam cab		Guinn	gal,5		
	CO-2	not	not	grn hs		Guinn		1 Cylinder	
	7 (Prob CO-2)			gro cham		Guinn		10 Cylinder	
	Ethylene	minus213	highly	gro cham		Guinn		1 Cylinder	
	CO-2	not	not	gro cham		Guinn		6 Cylinder	
	Compressed Air	not	not	grn hs		Guinn		1 Cylinder	
	Nitrogen	not	not	gro cham		Guinn		1 Cylinder	
	Nitrogen	not	not	wlkin fg		Guinn		1 Cylinder	
	Diethyl ether/ethyl ether	minus 49	highly	1-4		Guinn	ltr,4		
	Hexane	minus 7	not	1-4		Guinn	ltr,5		
	Acetonitrile	42	slight	1-4		Guinn	ltr,1		
	Methanol	52	highly	1-4		Guinn	ltr,8		
	Dichloromethane	not	not	1-4		Guinn	ltr,9		
	Ammonium Hydroxide	not	slight	1-4		Guinn	ltr,1		
	Hydrochloric Acid	not	not	1-4		Guinn	ltr,3		
	Formic Acid	122	not	1-4		Guinn	pt,1		
	Nitrogen	not	not	1-4		Guinn		2 Cylinder	
	Acetone	1.4	highly	1-4		Guinn	ltr,5		
	Ethyl Acetate	24	highly	1-3		Guinn	ltr,2		
	Acetone	1.4	highly	1-3		Guinn	ltr,8		
	Methanol,(waste)	52	highly	1-3		Guinn	ltr,4		
	Methanol	52	highly	1-3		Guinn	ltr,1		
	Isobutyl Alcohol	82	slight	1-3		Guinn	ltr,12		
	Ammonium Hydroxide	not	slight	1-3		Guinn	ltr,3		
	Benzene	12	highly	1-3		Guinn	pt,1		carcinoge
	CO-2	not	not	1-11&12		Eidenbock		2 Cylinder	
	Compressed Air	not	not	1-11&12		Eidenbock		8 Cylinder	

Helium	not	highly	1-11&12	Eidenbock		1 Cylinder		
Nitrogen	not	not	1-11&12	Eidenbock		6 Cylinder		
Oxygen	not	not	1-11&12	Eidenbock		1 Cylinder		
Hydrogen	not	highly	1-11&12	Eidenbock		1 Cylinder		
Chloroform	not	not	1-11&12	Eidenbock	gal,1			
Acetic Acid	104	slight	1-11&12	Eidenbock	gal,2			
Phosphoric Acid	not	not	1-11&12	Eidenbock	gal,1			
Pyridine	68	highly	1-11&12	Eidenbock	gal,1			
Sulfuric Acid	not	not	1-11&12	Eidenbock	gal,1			
Ammonium Hydroxide	not	slight	1-11&12	Eidenbock	gal,1			
Hydrochloric Acid	not	not	1-11&12	Eidenbock	gal,1			
Ethanol	55	moderate	1-14	Hendrix	gal,12			
Ethanol	55	moderate	chm shed	Hendrix	gal,55			flam cabi
Acetonitrile	42	slight	1-14	Hendrix	gal,2			
Methanol	52	highly	1-14	Hendrix	gal,3			
Nitrogen	not	not	1-14	Hendrix		3 Cylinder		
Oxygen	not	not	1-14	Hendrix		2 Cylinder		
Oxygen	not	not	1-25	Hendrix		1 Cylinder		
Diethyl ether/ethyl ether	minus49	highly	1-14	Hendrix	gal,2			
t-but,me Ether	minus49	highly	1-14	Hendrix	gal,1			
Propanol2	59	highly	1-14	Hendrix	qt,2			
Acetone	1.4	highly	1-14	Hendrix	gal,1			
Hexane	minus7	not	1-14	Hendrix	gal,1			
Toluene	40	slight	1-14	Hendrix	gal,2			
n propanol	59	highly	1-14	Hendrix	gal,1			
butanol	84	slight	1-14	Hendrix	gal,1			
Sulfuric Acid	not	not	1-14	Hendrix	gal,1			
Hydrochloric Acid	not	not	1-14	Hendrix	gal,1			
Nitric Acid	not	not	1-14	Hendrix	gal,1			
O gas(counting gas)			1-25	Hendrix		2 Cylinder		
Helium	not	highly	1-25	Hendrix		1 Cylinder		
Liquid Nitrogen (non-compressed)			1-25	Hendrix		1 Cylinder		
About 50 compounds that are highly reactive or explosive or flammable for example:			1-14	Hendrix	gm,1-10			
Dinitrophenylhydrazine 2-4	zero	explosive	1-14	Hendrix	gm,10			

FIRE DEPARTMENT
DIVISION OF FIRE PREVENTION
620 W. Washington St. • Room 167 • Phoenix, AZ 85003

HAZARDOUS MATERIALS PERMIT APPLICATION

For the confidential information of the Chief of the Division of Fire Prevention who shall use the data contained therein to evaluate the fire and explosion hazard.

ADDRESS: 4135 East Broadway Rd. Phoenix	OCCUPANCY NAME: U. S. Department of Agriculture Western Cotton Research Laboratory
BLDG./PROP. OWNER NAME: I. J. Henneberry PHONE 261-3324	RESPONSIBLE PARTY: Caryl Romine PHONE 261-3524

NOTE: FILL OUT COMPLETELY AND RETURN TO ADDRESS AT TOP OF PAGE WITHIN _____ DAYS.

1. Indicate by a "Yes or No" for each of the following hazardous materials whether they are to be used, processed or stored in this building. (See back for definitions)

FLAMMABLE LIQUIDS yes
FLAMMABLE GASES yes DUSTS no FIBERS no
COMBUSTIBLE LIQUID yes
COMBUSTIBLE DUST no FIBERS no

EXPLOSIVE AND UNSTABLE yes
CORROSIVE yes
TOXIC yes
OXIDIZERS yes

2. Indicate equipment or process involving any of the above Material:

Hydraulic Equipment	☐	Dust Collectors	☐	Drying Rooms	☐
Indust./Medical Gas	☒	Electro Plating	☐	Flow Coaters	☐
Picking or Garnetting	☐	Spray Painting	☐	Dip Tanks	☐
Magnesium Processing	☐	Ovens, Process	☐	Baler or Shredder	☐
Molten Salt Baths	☐	Welding/Cutting	☐	Others	☐

3. List separately any hazardous materials indicated in item 1. Show maximum quantities in use, storage or processing and show flash point of flammable and combustible liquids.

LIST HAZARDOUS MATERIALS	AMT. IN USE	AMT. IN STORAGE	FLASH PT.
Chemical Storeroom in lab wing contains:	see attached list for quanties and		
acids oxidizers	~~flashpoints~~		
~~alkalines~~ solvaats caustics nitrates			
chloronated compounds			
inorganic and organic compounds			
Chemical Storage shed contains:			
~~in addition to the above, the shed stores~~ patented and experimental pesticides,			
~~herbicides and defoliants~~			
~~Radiantion Storeroom contains:~~ ^{14}carbon - ^{3}Hydrogren - ^{8}Rhobidium			

I hereby certify that the use, storage or process of hazardous materials in this building will be limited as indicated above.

Signature Caryl Romine Date 1/7/86
Owner or Responsible Agent

ON TO CONTACT FOR ADDITIONAL HAZARDOUS MATERIAL INFORMATION.

Name CARYL ROMINE Phone 261-3524

OCCUPANT

90-10D
Rev. 2-80

§

Date: January 7, 1986

	HAZARDS			LOCATION	
	Flash pt	+/- Flammable	Oxidizer	Physiology	Chemical Shed
Acetic acid	104°F	+	-	> gallon	drums
Acetone	1.4°F 4908905	UN1090	-	> gallon	drums
Acetonitrile	42°F 4907405	UN1648	-	< gallon	--
Amyl acetate	77°F 4909111	+	-	< gallon	--
Benzene	12 F 4908110	UN1114	-	> gallon	> gallon
Barium compounds	Vary			< 5 pounds	--
Benzene	12°F 4908110	UN1114	-	> gallon	> gallon
Bleaching compounds	Not combustible	-	+		
Bromine	Not combustible	4936110	UN1744	< gallon	--
Butyl alcohol	84°F 4909117	NA1120	-	> gallon	--
Carbaryl	Not known			--	> 5 gallon
Carbon disulfide	-22°F	+++	-	< gallon	--
Carbon tetrachloride	Not combustible	4940320	UN1846	< gallon	drums
Chlordane	N.A.			--	< gallon
Chlorine compounds	Varies, very reactive			> 5 pounds	--
Chlorobenzene	84°F			> gallon	--
Chloroform	Not combustible	-	-	--	drums + 32 gal
Chromic acid & chromates	Varies 4918511	NA1463	+++	> 1 pound	--
Chromium metals and insoluble salts	Varies	-	+++	--	< pound
Cotton dust	Explodes	-	-	--	--
Cyclohexane	10°F	-	-	< 1 gallon	--
Dichloromethane	?	?	?	< 1 gallon	drums
Dichlorophenoxyacetic acid	4941126 Unknown	NA2765	-	< 1 pound	--

1-7-1986

	HAZARDS			LOCATION	
	Flash pt	+/- Flammable	Oxidizer	Physiology	Chemical Shed
Diethylamine	< 0°F	4907815	UN1154	< 1 gallon	--
Ethyl alcohol	55°F	4909159	NA 1170	--	drum
Formaldehyde	125-185°F	-	-	> 5 gallon	drums
Hexane	-7°F	4908183	- UN1208	> 5 gallon	drums
Hydroquinone	329°F	-	-	< gallon	--
Iodine compounds	Varies	-	-	< 5 pounds	--
Lead and inorganic lead compounds	Varies	-	-	> 5 pounds	--
Malathion	Not combustible	4941156	NA2783	--	> 5 gallons
Maleic anhydride	215°F	-	-	> 1 pound	--
Manganese	Unknown	-	-	< 5 pounds	--
Methyl alcohol	52°F	4909230	++UN1230	< 5 gallon	drum
Molybdenum compounds	Varies	-	-	> 5 pounds	--
Napthalene	174°F	-	++	> 5 pounds	--
Nitro methane	95°F	4907030	UN1261	< gallon	--
Oil, mineral	275°F	-	-	> 5 gallon	--
Paraquat	Not combustible	-	-	> gallon	--
Parathion	Not combustible	-	-	--	5 gallons
Phenol	174°F	-	-	> gallon	--
Phenyl ether-biphenyl	225°F	-	-	< gallon	--
Picric acid	302°F Explodes	4917120	+NA1344/+++	5 gallons	--
Selenium compounds	Varies	-	-	< pound	--
Sodium hydroxide (caustic soda)	Not combustible	4935235	UN1823 -	5 pounds	--

	HAZARDS			LOCATION	
	Flash pt	+/- Flammable	Oxidizer	Physiology	Chemical Shed
Sulfuric acid	Not combustible	4930040	UN1830	< 5 gallons	--
Tin compounds	Varies	-	-	> 5 pounds	--
Toluene	40°F	4909305	UN1294	> gallon	drums
Triethylamine	20°F	4907877	UN1296	< gallon	--
Xylene	81°F	4909350	UN1307	< 5 gallons	--
Yttrium compounds	Varies	-	-	< pound	--
Zirconium compounds	Varies	+++	-	< pound	--

Date: 1-7-86

GAS CYLINDERS

	Number	Location	Flash Point	Flammable	Oxidizer
Carbon dioxide		4904400	UN1014	-	-
	4	Pathology			
	1	Lab 11			
	12	Growth chamber			
	1	Lab 1			
Compressed air					
	3	Lab 12			
	2	growth chamber			
	1	Lab 11			
	3	Lab 2			
Freon (varying types)			?	?	?
	2	shop			
	1	deionizing room			
Helium		4904540	UN1046	+++	?
	1	Lab 25 Rad. Storeroo			
	1	Lab 12			
Hydrogen		4905746	UN1049	None	+++	-
	3	Lab 12			
Nitrogen		4904565	UN1066	-	-	-
	2	Lab 2			
	1	Lab 14			
	2	Lab 4			
	3	Lab 12			
	4	growth chamber			
	1	Lab 11			
Oxygen		4904350	UN1072	-	-	+++
	1	Lab 14			
	1	Lab 12			

Date: 1-7-1986

§

Physiology Chemical Storeroom:

acids	alkalines	inorganic and organic compounds
solvents	caustics	oxidizers
chloronated compounds		nitrates

Entomology - Chemical Shed:

acids	alkalines	inorganic and organic compounds
solvents	caustics	oxidizers
chloronated compounds		nitrates

storage facility for patented and experimental pesticides, herbicides and defoliants

Radiation Storeroom chemicals:

^{14}Carbon	^{3}Hydrogen	^{8} Rhobidium

Natural gas lines in each laboratory.

Office wing (front):

no known chemical or flamable hazards

HAZARDOUS MATERIALS SURVEY

4135	E	Broadway	Rd		P
ADDRESS NO.	DIR.	STREET	TYPE	SUITE #	CITY

Western Cotton Research	21201	35000
OCCUPANCY NAME	SUBZONE	SQ.FT.

37233	IND		624	
PERMIT #	OCC CLASS	COMPLEX	NFPA CLASS	GROUP INSP.NO.

==========

UNIT OF MEASURE EQUALS: G = GALLONS, L = POUNDS, C = CUBIC FEET
R = RADIOLOGICAL, E = ETIOLOGICAL

STCC # 49	AMOUNT	UNIT OF MEASURE	STCC # 49	AMOUNT	UNIT OF MEASURE
4908105	55	G	4917120	5	G
4907405	1	G	4935235	5	L
4909111	1	G	4930040	5	G
4908110	4	G	4909305	55	G
4936110	1	G	4908877	1	G
4909117	1	G	4909350	5	G
4940320	55	G	4904420	7848	C
4918511	1	L	4904540	426	C
4941126	1	L	4905746	528	C
4907815	1	G	4904565	2912	C
4909159	55	G	4904350	488	C
4908183	55	G	49		
4941154	5	G	49		
4909230	55	G	49		
4907030	1	G	49		

05/08/86

PREV. OCC. CLASS

PLEASE PRINT
PLACE X ONLY IN BOXES

FIRE DEPARTMENT
OCCUPANCY ACTIVITY REPORT

CAD ____ OIS ____

PAGE ___ OF ___

OCC. CLASS	CITY	ADDRESS NO.	DIR.	STREET NAME	TYPE	CITY	SUITE OR UNIT	MONTH DAY YEAR
	P	4135	E	BROADWAY	RD	P	#	12 06 85

NFPA CLASS	GROUP INSP NO	FIRE CODE PERMITS REQ	OCCUPANCY LOAD	# OF UNITS OR SUITES	PRIORITY	AREA OF RESPON
		YES ☐ NO ☐	DAY / NIGHT			R3 —

DATE OF OCC INSP	STORIES	BASEMENTS	EMERGENCY LIGHTING	LOCK BOX	FIRE LANES	GUARD DOGS
		LEVELS / SQ. FT.	YES ☐ NO ☐	YES ☐ NO ☐	YES ☐ NO ☐	YES ☐ NO ☐

ELEVATORS # OF	# WITH FIREMAN FEATURE	EXIT PLANS	EXIT DRILLS	STANDPIPE SYSTEM	HOUSE LINES	FIRE PUMPS	HOOD SYS
		YES ☐ NO ☐	YES ☐ NO ☐	WET ☐ DRY ☐ NONE ☐	YES ☐ NO ☐	YES ☐ NO ☐	YES ☐ NO ☐

AUTOMATIC SPRINKLER SYS	SUPERVISOR NAME	PHONE	PREVIOUS FIRE HISTORY
FULL ☐ PART ☐ NONE ☐	UNSUPERVISED ☐		YES ☐ NO ☐

FIRE ALARM SYSTEM	SUPERVISOR NAME	PHONE	SEARCH WARRANT USED
YES ☐ NO ☐	UNSUPERVISED ☐		YES ☐ NO ☐

HAZARDOUS MATERIAL	BUILD PLACARDED	EXPLOSIVES TYPE	EXPLOSIVES MAGAZINE
YES ☐ NO ☐	YES ☐ NO ☐	NONE ☐ A ☐ B ☐ C ☐	YES ☐ NO ☐

FLAMMABLE LIQUID		LP GAS	
AG GALS	UG GALS	AG GALS	UG GALS

FLAM. 4 / HEALTH 1 / REACTY 3 / OXY

RESPONSIBLE PARTY LAST	FIRE	MI	[redacted]	INSP HRS	COMPLETED INSP DATE
ROMINE	CARYL	K			— —

RESPONSIBLE PARTY LAST	FIRST	MI	[redacted]	BUILD DRAW REQUIRED	DRAWING COMPLETED
MARTIN	KEVIN			YES ☐ NO ☐	YES ☐ NO ☐

PROPERTY MANAGEMENT

OCCUPANCY NAME	PHONE	BUSINESS OWNER'S NAME LAST FIRST MI	HOME PHONE
WESTERN COTTON RESEARCH	261-3524		

BUILD/PROPERTY OWNER'S NAME LAST FIRST MI	HOME PHONE	INSURANCE COMPANY NAME	PHONE

RESPONSIBLE PARTY	LAST NAME	FIRST NAME	MI	DATE OF BIRTH

HOME ADDRESS	HOME PHONE	STATE	DRIVER'S LIC NO	SOCIAL SECURITY NUMBER

THE FOLLOWING ITEMS ARE IN VIOLATION

EXIT REQUIREMENTS		HAZARDOUS MATERIALS		FIRE PROTECTION		BUILDING & GROUNDS	
1. NUMBER REQUIRED		9 STORAGE-HANDLING-USE		17 FIRE DEPARTMENT CONNECTIONS		25 DRY VEGETATION	
2. DOOR WIDTH/SWING		10. HAZARDOUS CHEMICALS		18 AUTOMATIC SPRINKLERS		26 TRASH CONDITIONS	
3. LOCKS, LATCHES		11 FLAMM /COMB LIQUIDS		19 AUTOMATIC EXTINGUISHING SYSTEM		27 FIRE LANES	
4. EXIT SIGNS		12 L P GAS		20 PORTABLE EXTINGUISHERS		28 DANGEROUS CONDITIONS	
5. POWER OPERATED DOORS		13 EXPLOSIVES		21 HYDRANTS		29 DECORATIVE MATERIALS	
6 OBSTRUCTIONS/AISLES		14 HAZ. MAT APPLICATION	X	22 FIRE ALARM SYSTEM		30 OPEN FLAME DEVICES	
7 TRAVEL DISTANCE TO EXIT		15 FIRE DIAMOND (NFPA)		23 FIRE DOORS		31 ELECTRICAL	
8. EMERGENCY LIGHTING		16 FIRE CODE PERMITS		24 STAND PIPE		32 OTHER — SPECIFY IN REMARKS	

ITEM NO	FIRE CODE SECTION	SPEC REF	REMARKS	CORR REQ'D BY (DATE)	CORRECTED (DATE)	CORRECTION VERIFIED BY (PRINT NAME)
14	20		Submit Hazardous Materials Application as per attached letter, listing all chemicals or flammables used or stored on property.	12/6/85		

The items noted above are in violation of the Phoenix Fire Code. This is an official notice of ordinance violation requiring correction within the specified time. Failure to comply with these requirements may lead to legal action. Violation of the Phoenix Fire Code is as violation of City Ordinance G-2221, as amended, a Class 1 misdemeanor punishable by a fine not to exceed One Thousand Dollars or imprisonment not exceeding six months or both. This inspection is intended for your safety and the safety of the citizens of Phoenix. Your cooperation is greatly appreciated. For information concerning this inspection call 262-6771

RECEIVED	DATE	COMPANY INSPECTOR (NAME)	STATION NO / SHIFT
F. Jacobson	12/6/85	M McClennan	

REFERRED TO F.P. INSPECTOR (NAME)	TURNOVER DATE	REFERRED TO CITY PROSECUTOR BY	DATE	FIRE INCIDENT REPORT NO

FIRE PREVENTION

91-63 REV

PLACE X ONLY IN BOXES

OCCUPANCY ACTIVITY REPORT

CAD ____ OIS ____ 1 OF 02

OCC. CLASS	CITY	ADDRESS NO.	DIR.	STREET NAME	TYPE	CITY	SUITE OR UNIT	MONTH	DAY	YEAR
1WD	P	4135	E	BROADWAY	RD	P	# D	10	24	84

NFPA CLASS	GROUP INSP. NO.	FIRE CODE PERMITS REQ	OCCUPANCY LOAD	# OF UNITS OR SUITES	PRIORITY	AREA OF RESPON
624	N/A	YES ☒ NO ☐	DAY 60 NIGHT 0	02		213-1

SQ FT OF OCC INSP	STORIES	BASEMENTS	EMERGENCY LIGHTING	LOCK BOX	FIRE LANES	GUARD DOGS
1350 00	1	LEVELS 0 SQ. FT. 0	YES ☒ NO ☐	YES ☐ NO ☒	YES ☐ NO ☒	YES ☐ NO ☒

HRS	# WITH FIREMAN FEATURE	EXIT PLANS	EXIT DRILLS	STANDPIPE SYSTEM	HOUSE LINES	FIRE PUMPS	HOOD SYS
0	0	YES ☒ NO ☐	YES ☐ NO ☒	WET ☐ DRY ☐ NONE ☒	YES ☐ NO ☒	YES ☐ NO ☒	YES ☐ NO ☒

AUTOMATIC SPRINKLER SYS	UNSUPERVISED	SUPERVISOR NAME	PHONE	PREVIOUS FIRE HISTORY
FULL ☐ PART ☐ NONE ☒				YES ☐ NO ☒

FIRE ALARM SYSTEM	UNSUPERVISED	SUPERVISOR NAME	PHONE	SEARCH WARRANT USED
YES ☒ NO ☐		CENTRAL ALARM	253 6131	YES ☐ NO ☒

HAZARDOUS MATERIAL	BUILD PLACARDED	EXPLOSIVES TYPE	EXPLOSIVES MAGAZINE
YES ☒ NO ☐	YES ☒ NO ☐	NONE ☒ A ☐ B ☐ C ☐	YES ☐ NO ☒

FLAMMABLE LIQUID		LP GAS	
AG GALS 0	UG GALS 0	AG GALS 0	UG GALS 0

FLAM 4 HEALTH 4 REACTY 3 OXY

RESPONSIBLE PARTY LAST	FIRST	MI	INSP HRS	COMPLETED INSP DATE
MAUNEY	JACK			12-11-84

RESPONSIBLE PARTY LAST	FIRST	MI	BUILD DRAW REQUIRED	DRAWING COMPLETED
HENNERBERRY	TOM	J	YES ☒ NO ☐	YES ☐ NO ☒

PROPERTY MANAGEMENT

OCCUPANCY NAME	PHONE	BUSINESS OWNER'S NAME LAST FIRST MI	HOME PHONE
WESTERN COTTON RESEARCH LAB	261-3524	USDA	NA

BUILD/PROPERTY OWNER'S NAME LAST FIRST MI	HOME PHONE	INSURANCE COMPANY NAME	PHONE
U.S.D.A.	NA	NA	NA

RESPONSIBLE PARTY	LAST NAME	FIRST NAME	MI
	~~USDA~~ MAUNEY	JACK	R

THE FOLLOWING ITEMS ARE IN VIOLATION

EXIT REQUIREMENTS		HAZARDOUS MATERIALS		FIRE PROTECTION		BUILDING & GROUNDS	
1 NUMBER REQUIRED		9 STORAGE-HANDLING-USE		17 FIRE DEPARTMENT CONNECTIONS		25 DRY VEGETATION	
2 DOOR WIDTH/SWING		10 HAZARDOUS CHEMICALS	X	18 AUTOMATIC SPRINKLERS		26 TRASH CONDITIONS	
3 LOCKS, LATCHES		11 FLAMM /COMB LIQUIDS		19 AUTOMATIC EXTINGUISHING SYSTEM		27 FIRE LANES	
4. EXIT SIGNS		12 L P GAS		20 PORTABLE EXTINGUISHERS	X	28 DANGEROUS CONDITIONS	X
5. POWER OPERATED DOORS		13 EXPLOSIVES		21 HYDRANTS		29 DECORATIVE MATERIALS	
6 OBSTRUCTIONS/AISLES		14 HAZ MAT APPLICATION		22 FIRE ALARM SYSTEM		30 OPEN FLAME DEVICES	
7. TRAVEL DISTANCE TO EXIT		15 FIRE DIAMOND (NFPA)		23 FIRE DOORS		31 ELECTRICAL	
8 EMERGENCY LIGHTING		16 FIRE CODE PERMITS 15207		24 STAND PIPE		32 OTHER — SPECIFY IN REMARKS	✓

ITEM NO	FIRE CODE SECTION	SPEC REF	REMARKS 37234 37237 37232	CORR REQ'D BY (DATE)	CORRECTED (DATE)	CORRECTION VERIFIED BY (PRINT NAME)
32	1.23		Provide an address sign with directional	11/14/84	12/4/84	A/Villar
			arrow on Broadway Rd entrance and			
			a address sign on bldg			
10	1.13		update Hazardous permit	11/14/84	12/4/84	A/Villar
			HAZARDOUS MATERIAL PERMIT # 15207			

The items noted above are in violation of the Phoenix Fire Code. This is an official notice of ordinance violation requiring correction within the specified time. Failure to comply with these requirements may lead to legal action. Violation of the Phoenix Fire Code is as violation of City Ordinance G-2221, as amended, a Class 1 misdemeanor punishable by a fine not to exceed One Thousand Dollars or imprisonment not exceeding six months or both. This inspection is intended for your safety and the safety of the citizens of Phoenix. Your cooperation is greatly appreciated. For information concerning this inspection call 262-

RECEIVED	DATE	COMPANY INSPECTOR (NAME)	STATION NO	SHIFT
[signature]	Oct 24-84	Ruben Abrilla	23	A

REFERRED TO F.P. INSPECTOR (NAME)	TURNOVER DATE	REFERRED TO CITY PROSECUTOR BY	DATE	FIRE INCIDENT REPORT NO

FIRE PREVENTION

91-63 REV 5

OCCUPANCY ACTIVITY REPORT

(SUPPLEMENTAL PAGE 2)

MONTH	DAY	YEAR
10	24	84

STREET ADDRESS: 4135 E. Broadway

OCCUPANCY NAME: Western Cotton Research Lab

AREA OF RESPONSIBILITY: —

	FIRE CODE SECTION	SPEC. REF.	REMARKS	CORR. REQ'D BY (DATE)	Corrected (DATE)	CORRECTION VERIFIED BY (PRINT NAME)
28	28.8		No combustible storage is allowed within 2 ft of ceiling (all bldgs)	11/14/84	12/11/84	Alvillar
20	14.2		portable Fire extinguishers shall be mounted and clear of obstructions	11/14/84	12/11/84	Alvillar
10	1.13		provide a directional sign in hallway adjacent to chemical storage room and radioactive materials storage room - these signs shall state chemical store rm + radioactive materials store rm.	11/14/84	12/11/84	Alvillar
11	1.13		provide a Fire diamond for main bldg + chemical storage bldg. The Fire Diamond shall be classified by the Fire. Dept.	11/14/84	12/11/84	Alvillar

The items noted above are in violation of the Phoenix Fire Code. This is an official notice of ordinance violation requiring correction within the specified time. Failure to comply with these requirements may lead to legal action. Violation of the Phoenix Fire Code is a violation of City Ordinance G-2221, as amended, a Class 1 misdemeanor punishable by a fine not to exceed One Thousand Dollars or imprisonment not exceeding six months or both. This inspection is intended for your safety and the safety of the citizens of Phoenix. Your cooperation is greatly appreciated. For information concerning this inspection call 262-

COPY RECEIVED BY: [signature] DATE 10-24-84

COMPANY INSPECTOR (NAME): [signature] STATION NO. SHIFT A 23

REFERRED TO FP INSPECTOR (NAME): TURNOVER DATE

REFERRED TO CITY PROSECUTOR BY: DATE

91-63.1 REV. 5/

FIRE PREVENTION

USE BLACK INK ONLY

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CITY OF PHOENIX
FIRE DEPARTMENT
OCCUPANCY ACTIVITY REPORT

DM ___ DIC ___ CAD ___ DIS ___

PAGE 1 OF 1

PREV OCC CLASS | OCC CLASS | CITY | ADDRESS NO | DIR | STREET NAME | TYPE | CITY | SUITE OR UNIT | MONTH | DAY | YEAR

P | 4413 | E | Broadway | RD | P | # | 05 | 29 | 80

NFPA CLASS | GROUP INSP. NO | FIRE CODE PERMITS REQ YES ☐ NO ☐ | OCCUPANCY LOAD DAY | NIGHT | # OF UNITS OR SUITES | PRIORITY | AREA OF RESPON. 33

OCC INSP | STORIES | BASEMENTS LEVELS | SQ. FT | EMERGENCY LIGHTING YES ☐ NO ☐ | COND. BOX YES ☐ NO ☐ | FIRE CANES YES ☐ NO ☐ | GUARD DOGS YES ☐ NO ☐

ELEVATORS # OF | PATH FIREMAN FEATURE | EXIT PLANS YES ☐ NO ☐ | EXIT DRILLS YES ☐ NO ☐ | STANDPIPE SYSTEM WET ☐ DRY ☐ NONE ☐ | HOUSE LINES YES ☐ NO ☐ | FIRE HYDS YES ☐ NO ☐ | FOOD SYS YES ☐ NO ☐

AUTOMATIC SPRINKLER SYS FULL ☐ PART ☐ NONE ☐ | UNSUPERVISED ☐ | SUPERVISOR NAME | PHONE | PREVIOUS FIRE HISTORY YES ☐ NO ☐

FIRE ALARM SYSTEM YES ☐ NO ☐ | UNSUPERVISED ☐ | SUPERVISOR NAME | PHONE | SEARCH WARRANT USED YES ☐ NO ☐

HAZARDOUS MATERIAL YES ☐ NO ☐ | BUILD PLACARDED YES ☐ NO ☐ | EXPLOSIVES TYPE NONE ☐ A ☐ B ☐ C ☐ | EXPLOSIVES MAGAZINE YES ☐ NO ☐

FLAMMABLE LIQUID AD GALS | LIQ GALS | LP GAS AG GALS | UG GALS

FLAM / HEALTH / REACTY

RESPONSIBLE PARTY LAST: Maney | FIRST: Jack | MI | HOME PHONE | INSP. HRS | COMPLETED INSP. DATE: 5-24-80

RESPONSIBLE PARTY LAST | FIRST | MI | HOME PHONE | BUILD. DRAW REQUIRED YES ☐ NO ☐ | DRAWING COMPLETED YES ☐ NO ☐

PROPERTY MANAGEMENT

OCCUPANCY NAME: Western Cotton Research Lab | PHONE | BUSINESS OWNER'S NAME LAST | FIRST | MI | HOME PHONE

SUB OF PROPERTY OWNER'S NAME LAST | FIRST | MI | HOME PHONE | INSURANCE COMPANY NAME | PHONE

RESPONSIBLE PARTY LAST NAME | FIRST NAME | MI | DATE OF BIRTH

HOME ADDRESS | HOME PHONE | STATE | DRIVER'S LIC. NO | SOCIAL SECURITY NUMBER

THE FOLLOWING ITEMS ARE IN VIOLATION

EXIT REQUIREMENTS	HAZARDOUS MATERIALS	FIRE PROTECTION	BUILDING & GROUNDS
1. NUMBER REQUIRED	9. STORAGE/HANDLING/USE	17. FIRE DEPARTMENT CONNECTIONS	25. TALL VEGETATION
2. DOOR WIDTH/SWING	10. HAZARDOUS CHEMICALS	18. AUTOMATIC SPRINKLERS	26. TRASH CONDITIONS
3. LOCKS, LATCHES	11. FLAMM./COMB. LIQUIDS	19. AUTOMATIC EXTINGUISHING SYSTEM	27. FIRE CANES
4. EXIT SIGNS	12. L.P. GAS	20. PORTABLE EXTINGUISHERS	28. DANGEROUS CONDITIONS
5. POWER OPERATED DOORS	13. EXPLOSIVES	21. HYDRANTS	29. DECORATIVE MATERIALS
6. OBSTRUCTIONS/AISLES	14. HAZ. MAT. APPLICATION	22. FIRE ALARM SYSTEM	30. OPEN FLAME DEVICES
7. TRAVEL DISTANCE TO EXIT	15. FIRE DIAMOND INFO.	23. FIRE DOORS	31. ELECTRICAL
8. EMERGENCY LIGHTING	16. FIRE CODE PERMITS	24. STAND PIPE	32. OTHER - SPECIFY IN REMARKS

ITEM NO	FIRE CODE SECTION	SPEC REF	REMARKS	CORR REQ'D BY (DATE)	CORRECTED (DATE)	CORRECTION VERIFIED BY (PRINT NAME)
			I met with Mr. Sadey and Mr. Maney about a proposed burn site. The site was not approved. They are to move the material to be burned to one of the open fields.			

The items noted above are in violation of the Phoenix Fire Code. This is an official notice of ordinance violation requiring correction within the specified time. Failure to comply with these requirements may lead to legal action. Violation of the Phoenix Fire Code is a violation of City Ordinance G-2221, as amended, a Class 1 misdemeanor punishable by a fine not to exceed One Thousand Dollars or imprisonment not exceeding six months or both. This inspection is intended for your safety and the safety of the citizens of Phoenix. Your cooperation is greatly appreciated. For information concerning this inspection call 262-6771

COPY RECEIVED BY: NSR | DATE | COMPANY INSPECTOR NAME: [illegible signature] | STATION NO | SHIFT: 23-1

REFERRED TO F.P. INSP. (FOR NAME) | DUR/OVER | REFERRED TO CITY PROSECUTOR BY | DATE | FIRE INCIDENT REPORT NO

No.AB85119 INSPECTOR # 08 Fee Paid:$00

```
*****************************************************************
*                                                               *
*     MARICOPA COUNTY DEPARTMENT OF HEALTH SERVICES             *
*                DIVISION OF PUBLIC HEALTH                      *
*              BUREAU OF AIR POLLUTION CONTROL                  *
*  1845 E Roosevelt, P.O. Box 2111, Phoenix, AZ  85001          *
*                  PHONE: 258-6381 EXT 372                      *
*                                                               *
*****************************************************************
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Issued to: (261-3524) Issued On: 20-May-1985

U.S.D.A. WESTERN COTTON RES.LB
4135 E BROADWAY RD
PHOENIX AZ 85040

THIS PERMIT EXPIRES 20-Jun-1985

Fire Department of Jurisdiction

PHOENIX 602 W WASHINGTON 85003 262-6297

Nature of Permit

PEST PREVENTION:
1
Acres of Cropland

BURN SITE LOCATION:48TH ST 1/4 MI NO ROESER RD BET BDWY/SOUTHERN,PX,AZ

CONDITIONS:3 PICKUP TRUCK LOADS/1500 PLANTS

RESTRICTIONS:

1. BURNING ALLOWED MONDAY THROUGH FRIDAY ONLY.
   Hours: June, July and August - 9 A.M. - 5 P.M.
   March, April, May, September and October - 10 A.M. - 6 P.M.
   NO BURNING FROM NOVEMBER THROUGH FEBRUARY, WITH EXCEPTION OF TEMPORARY PERMITS (Hours: 12 Noon - 4 P.M.)
2. Burning must be constantly attended with reasonable control tools.
3. Creation of smoke nuisance invalidates this permit.
4. High temperature mechanical burner required for ditch banks/fence rows.
5. Tumbleweeds must be dry and piled in small piles 10-15 feet in diameter.
6. Permit must be in possession of person in charge of burning. This person must be in attendance at all times during burning.
7. Permit must be submitted for the approval of fire department having jurisdiction.
8. It is the permittee's responsibility to renew permit upon expiration.
9. EACH DAY OF BURNING, permittee must call fire department and this BUREAU for permission to burn (phone numbers listed above). Permission depends on weather, air pollution conditions, etc.

VIOLATION OF THESE CONDITIONS INVALIDATES PERMIT. BURNING WITHOUT A VALID PERMIT IS A MISDEMEANOR UNDER ARS 36-789.01

Cooperative Extension Service

The University of Arizona • College of Agriculture
Maricopa County Office • 4341 E. Broadway • Phoenix, Arizona 85040

Agriculture 255-4456
Home Economics 255-3355
4-H Clubs 255-4694
Community and Rural Development 255-3243

March 22, 1985

AUTHORIZATION TO BURN

Maricopa County Air Pollution Control
P.O. Box 2111
1845 East Roosevelt
Phoenix, AZ 85001

Dear Mr. Evans:

Request By: Western Cotton Research Lab 4133 East Broadway
To burn insect infested cotton trash.
Location: On 48th st. 1/4 mile North of Bosser Rd., Phx, Az. Fire Dept has been notified.

Authorization: According to the authority granted by Section 36-779 Arizona Revised Statutes and under the following Rules and Regulations as adopted August 12, 1971, (see Regulation V, Rule 51-B 1, 2, & 3). I authorize the burning of the specific items listed above for disease and pest prevention.

Instructions: The person making this request is to alert the local fire and police or sheriff departments on the day he plans to burn. In addition, he will call the County Air Pollution Control office at 10:00 a.m., or shortly after (258-6381) to check for proper meteorological conditions.

Note: According to paragraph B-4 or Rule 51, all persons must obtain a written permit from the County Air Pollution Control office before burning, and a fee of $20.00 will be charged for the permit.

Very Truly Yours,

Lowell F. True

Lowell F. True
County Extension Director

cc: State Bureau of Air Quality Control

cj

37233

FIRE DEPARTMENT
DIVISION OF FIRE PREVENTION
620 W. Washington St. • Room 167 • Phoenix, AZ 85003

HAZARDOUS MATERIALS PERMIT APPLICATION

For the confidential information of the Chief of the Division of Fire Prevention who shall use the data contained therein to evaluate the fire and explosion hazard.

ADDRESS: 4135 E. Broadway	OCCUPANCY NAME: Western Cotton Research Lab
BLDG./PROP. OWNER NAME: USDA PHONE: NA	RESPONSIBLE PARTY: Jack Mauney PHONE: 838-852

NOTE: FILL OUT COMPLETELY AND RETURN TO ADDRESS AT TOP OF PAGE WITHIN _____ DAYS.

1. Indicate by a "Yes or No" for each of the following hazardous materials whether they are to be used, processed or stored in this building. (See back for definitions)

FLAMMABLE LIQUIDS _____ EXPLOSIVE AND UNSTABLE _____
FLAMMABLE GASES _____ DUSTS _____ FIBERS _____ CORROSIVE _____
COMBUSTIBLE LIQUID _____ TOXIC _____
COMBUSTIBLE DUST _____ FIBERS _____ OXIDIZERS _____

2. Indicate equipment or process involving any of the above Material:

Hydraulic Equipment	☐	Dust Collectors	☐	Drying Rooms	☐
Indust./Medical Gas	☐	Electro Plating	☐	Flow Coaters	☐
Picking or Garnetting	☐	Spray Painting	☐	Dip Tanks	☐
Magnesium Processing	☐	Ovens, Process	☐	Baler or Shredder	☐
Molten Salt Baths	☐	Welding/Cutting	☐	Others	☐

3. List separately any hazardous materials indicated in item 1. Show maximum quantities in use, storage or processing and show point of flammable and combustible liquids.

LIST HAZARDOUS MATERIALS	AMT. IN USE	AMT. IN STORAGE	FLASH PT.
Acetaldehyde	1 gal	1 gal	-36°F
Acetic acid	1 gal	1 gal	104°F
Acetone	1 gal	1 gal	14°F
Acetonitrile	1 gal	1 gal	32°F
Ammonia Anhydrous	1 gal	1 gal	—
Amyl acetate	1 gal	1 gal	77°F
Aniline	1 gal	1 gal	158°F
Barium compounds	5 lbs	5 lbs	Dry
Benzene	1 gal	1 gal	12°F
Boron trifluoride	1 gal	1 gal	—
Bromine	1 gal	1 gal	—
Butyl alcohol	1 gal	1 gal	58°F
Butyl glycidyl ether	1 gal	1 gal	130°F

See attached list

I hereby certify that the use, storage or process of hazardous materials in this building will be limited as indicated above.

Signature: Dr. M. R. Bill Date: 12/14/89
Owner or Responsible Agent

PERSON TO CONTACT FOR ADDITIONAL HAZARDOUS MATERIAL INFORMATION

Name _____ Phone _____

FIRE PREVENTION

90-10D
Rev. 2-80

ate : November 13, 1984

	HAZARDS				LOCATION	
	Flash pt	+/- Flammable	Oxidizer	Physiology		Chemical Shed
Acetaldehyde	-36°F	+++	-	< gallon		--
Acetic acid	104°F	+		> gallon		drums
Acetone	1.4°F	+++	-	> gallon		drums
Acetonitrile	42°F	+	-	< gallon		--
Ammonia	None	-	-	> gallon		-
Amyl acetate	77°F	+	-	< gallon		--
Aniline	158°F	+	-	< gallon		--
Barium compounds	Vary			< 5 pounds		--
Benzene	12°F	+++	-	> gallon		> gallon
Bleaching compounds	Not combustible	-	+			
Boron trifluoride	Not combustible	++	-	< gallon		--
Bromine	Not combustible	-	+	< gallon		--
Butyl alcohol	84°F	+	-	> gallon		--
Butyl glycidyl ether	130°F			< gallon		--
Camphor	150°F			< 5 pounds		--
Carbaryl	Not known			--		> 5 gallon
Carbon disulfide	-22°F	+++	-	< gallon		--
Carbon tetrachloride	Not combustible	-	-	< gallon		drums
Chlordane	N.A.			--		< gallon
Chlorine compounds	Varies, very reactive			> 5 pounds		--
Chlorobenzene	84°F			> gallon		--
Chloroform	Not combustible	-	-	--		drums + 32 gal
Chromic acid & chromates	Varies	-	+++	> 1 pound		--

Date: _____

	HAZARDS			LOCATION	
	Flash pt	+/- Flammable	Oxidizer	Physiology	Chemical Shed
Chromium metals and insoluble salts	Varies	-	+++		
Cotton dust	Explodes	-	-	--	--
Cresol	187°F	-	-	< 1 pound	--
Cyclohexene	10°F			< 1 gallon	--
Dichloromethane	?	?	?		drum
Dichlorophenoxyacetic acid	Unknown			< 1 pound	--
Diethylamine	< 0°F	+++	-	< 1 gallon	--
Dimethylaniline	145°F	+	-	< 1 gallon	--
Dimethylhydrazine	5°F	+++	-	< 1 pound	--
Dinitrotoluene	Explodes	+	-	< 1 pound	--
Dioxane	54°F	++	-	< 1 gallon	--
Ethyl alcohol	55°F	++	-		drum
Formaldehyde	125-185°F	-	-	> 5 gallon	drums
Formic acid	122-185°F	-	-	< gallon	--
Hexane	-7°F	-	-	> 5 gallon	drums
Hydrogen chloride acid	Not combustible	-	-	> 5 gallon	--
Hydrogen peroxide	Not combustible	-	+	< gallon	--
Hydroquinone	329°F			< gallon	--
Iodine compounds	Varies	-	-	< 5 pounds	--
Lead and inorganic lead compounds	Varies	-	-	> 5 pounds	--
Malathion	Not combustible			--	5 gallon
Maleic anhydride	215°F	-	-	< 1 pound	--
Manganese	Unknown	-	-	< 5 pounds	--
Mercury	Not combustible	-	-	< 1 gallon	--
Methyl alcohol	52°F	+++	-	< 5 gallon	drum

	Flash pt	+/- Flammable	Oxidizer	Physiology	Chemical Shed
Molybdenum compounds	Varies			> 5 pounds	--
Napthalene	174°F	-	++	> 5 pounds	--
Nitric acid	Oxidizes Not combustible	-	+++	< 5 gallons	--
Nitro aniline	390°F	+	-	< pound	--
Nitro benzene	190°F	+	-	< gallon	--
Nitro methane	95°F	+	-	< gallon	--
Nitro toluene	223°F			< gallon	--
Oil, mineral	275°F			> 5 gallon	--
Paraquat	Not combustible			gallon	--
Parathion	Not combustible			--	5 gallon
Phenol	174°F	-	-	> gallon	--
Phenyl ether-biphenyl	225°F			gallon	--
Phenylene diamine	312°F			< pound	--
Phenyl hydrazine	192°F			< pound	--
Phosphoric acid	Not combustible	-	-	gallon	--
Phthalic anhydride	304°F	-	-	< pound	--
Picric acid	302°F Explodes	+++	+++	5 gallons	--
Selenium compounds	Varies	-	-	< pound	--
Sodium hydroxide (caustic soda)	Not combustible			5 pounds	--
Sulfuric acid	Not combustible	-	+	< 5 gallons	--
Tin compounds	Varies			< 5 pounds	--
Toluene	40°F	+	-	> gallon	drums
Triethylamine	20°F			< gallon	--
Turpentine	95°F	++	-	gallon	--
Xylene	81°F	+	-	< 5 gallons	--
Yttrium compounds	Varies			< pound	--
Zirconium compounds	Varies	+++	-	< pound	--

Entomology Chemical Storage Building

Biological Control Agents:

Bacillus thuringiensis

Elcar = Heliothis virus

Funginex

Chemical Pesticides:

commerical name	generic name
Ambush	permethrin
Azodrin	monocrotophos
Chlorobenilate	none
Comite	--
Cymbush	cypermethrin
Cythion	malathion
Guthion	azinphosmethyl
Orthene	acephate
Temik	aldicarb
Sevin	carbaryl

Defoliation Chemicals:

Bolstar	--
DEF	--

Experimental termination chemicals

November 12, 1981

Physiology Chemical Storeroom:

acids alkalines inorganic and organic compounds

solvents caustics oxidizers

chloronated compounds nitrates

Radiation Storeroom chemicals:

^{14}Carbon

^{3}Hydrogen

^{86}Rubidium

Natural gas lines in each laboratory.

November 13

OCC. CLASS | ADDRESS NO | DIR | STREET NAME | TYPE | SUITE OR UNIT # | CITY | MONTH | DAY | YEAR

D

NFPA CLASS | STATE LIC. REQ YES ☐ NO ☐ | PERMITS REQUIRED YES ☑ NO ☐ | OCCUPANCY LOAD DAY | NIGHT | NO. OF UNITS OR SUITES | PRIORITY | AREA OF RESPONSIBILITY

SQ. FT. OF BLDG | STORIES | BASEMENTS LEVELS | SQ. FT. | FNCH. LIGHTING YES ☐ NO ☐ | LOCK BOX YES ☐ NO ☐ | FIRE LINES NO ☐ NO ☐ | GUARD DOGS YES ☐ NO ☐

CLASS | WITH FRENTAS FEATURE | EXIT PLANS YES ☐ NO ☐ | EXIT DRILLS YES ☐ NO ☐ | STANDPIPE SYSTEM WET ☐ DRY ☐ NONE ☐ | HOUSE LINES YES ☐ NO ☐ | FIRE FLAMES YES ☐ NO ☐ | ROOM SYS YES ☐ NO ☐

AUTOMATIC SPRINKLER SYS FULL ☐ PART ☐ NONE ☐ | UNSUPERVISED ☐ | SUPERVISOR NAME | PHONE | PREVIOUS FIRE HISTORY YES ☐ NO ☐

FIRE ALARM SYSTEM YES ☐ NO ☐ | UNSUPERVISED ☐ | SUPERVISOR NAME | PHONE | SEARCH WARRANT USED YES ☐ NO ☐

HAZARDOUS MATERIAL YES ☐ NO ☐ | BLDG PLACARDED YES ☐ NO ☐ | EXPLOSIVES TYPE NONE ☐ A ☐ B ☐ C ☐ | EXPLOSIVE MAGAZINES YES ☐ NO ☐

FLAMMABLE LIQUID AG GALS ☐ | UG GALS ☐ | LP GAS AG GALS ☐ | UG GALS ☐

FLAM. HEALTH REACTY.

RESPONSIBLE PARTY | HOME PHONE | PREFIRE PLAN CRITERIA

RESPONSIBLE PARTY | WORK PHONE | BUILD DRAW REQUIRED YES ☐ NO ☐ | DRAWING COMPLETED YES ☐ NO ☐

PROPERTY MANAGEMENT

OCCUPANCY NAME: WESTERN COTTON RESEARCH LAB | PHONE: 261-1524 | BUSINESS OWNER'S NAME: USDA | HOME PHONE

BLDG/PROPERTY OWNER'S NAME | HOME PHONE | INSURANCE COMPANY NAME | PHONE

LEGAL RESPONSIBLE PARTY | FIRST NAME | MIDDLE INITIAL | LAST NAME | DATE OF BIRTH

ADDRESS | HOME PHONE | STATE | DRIVER'S LIC. NO. | SOCIAL SECURITY NUMBER

THE FOLLOWING ITEMS ARE IN VIOLATION

EXIT REQUIREMENTS		FIRE PROTECTION	BUILDING & GROUNDS
1. NUMBER REQUIRED	9. EXIT SIGNS	15. FIRE DEPARTMENT CONNECTIONS	2. DRY VEGETATION
2. MINIMUM WIDTH	10. AISLES	16. AUTOMATIC SPRINKLERS	3. TRASH CONDITIONS
3. LOCKS & LATCHES	HAZARDOUS MATERIALS	17. AUTOMATIC EXTINGUISHING SYSTEM	4. FIRE LANES
4. DOOR SWING	11. HAZARDOUS CHEMICALS	18. PORTABLE EXTINGUISHERS	5. EMERGENCY LIGHTING
5. POWER OPERATED DOORS	12. FLAMMABLE LIQUID STORAGE	19. HYDRANTS	6. DECORATIVE MATERIALS
6. OBSTRUCTIONS	13. L.P. GAS	20. FIRE ALARM SYSTEM	7. OPEN FLAME DEVICES
7. TRAVEL DISTANCE TO EXIT	14. EXPLOSIVES	21. FIRE DOORS	8.
8. TURNSTILES	15. PERMITS	22. STAND PIPE	9. OTHER — SPECIFY IN REMARKS
	PERMIT #		

ITEM NO	FIRE CODE SECTION	SPECIFICATION REFERENCE	REMARKS	CORRECTION REQD BY (DATE)	RECHECK DATE	CORRECTION DATE
			PERMIT # 37232			
			Permit to store and handle compressed gas cylinders in a safe manner, in accordance with Article 3 and 30 of the Phoenix Fire Prevention Code.	See Above		
			FLAMMABLE XXX NON-FLAMMABLE			
			THIS PERMIT NOT TRANSFERABLE			

The items noted above are in violation of the Phoenix Fire Code. This is an official notice of ordinance violation requiring correction within the specified time. Failure to comply with these requirements may lead to legal action. Violation of the Phoenix Fire Code is a violation of City Ordinance G-2221, as amended, a Class 1 misdemeanor punishable by a fine not to exceed One Thousand Dollars or imprisonment not exceeding six months or both. This inspection is intended for your safety and the safety of the citizens of Phoenix. Your cooperation is greatly appreciated. For information concerning this inspection call 262-

FORM RECEIVED BY: [illegible] | DATE: 12/14/94 | COMPANY INSPECTOR NAME: [illegible] | STATION NO: 3 | SHIFT: A

REFERRED TO F.P. INSPECTOR (NAME) | TURNOVER DATE | REFERRED TO CITY PROSECUTOR BY | DATE | FIRE INCIDENT REPORT NO

FIRE PREVENTION

4103 Rev

OCC. CLASS	CITY	ADDRESS NO.	DIR.	STREET NAME	TYPE	CITY	SUITE OR UNIT	MONTH	DAY	YEAR
	P	4135	E	BROADWAY		P		1	19	24

NFPA CLASS	GROUP INSP. NO.	FIRE CODE PERMITS REQ.	OCCUPANCY LOAD	# OF UNITS	# OF SUITES	PRIORITY	AREA OF RESPON.
		YES ☐ NO ☐	DAY / NIGHT				

SQ. FT. OF OCC/INSP.	STORIES	BASEMENTS	EMERGENCY LIGHTING	LOCK BOX	FIRE LANES	GUARD DOGS
		LEVELS / SQ. FT.	YES ☐ NO ☐	YES ☐ NO ☐	YES ☐ NO ☐	YES ☐ NO ☐

	# WITH FIRE/HAZ FEATURE	EXIT PLANS	EXIT DRILLS	STANDPIPE SYSTEM	IN-USE LINES	FIRE PUMPS	HOOD SYS.
		YES ☐ NO ☐	YES ☐ NO ☐	WET ☐ DRY ☐ NONE ☐	YES ☐ NO ☐	YES ☐ NO ☐	YES ☐ NO ☐

AUTOMATIC SPRINKLER SYS.	UNSUPERVISED	SUPERVISOR NAME	PHONE	PREVIOUS FIRE HISTORY
FULL ☐ PART ☐ NONE ☐	☐			YES ☐ NO ☐

FIRE ALARM SYSTEM	UNSUPERVISED	SUPERVISOR NAME	PHONE	SEARCH WARRANT USED
YES ☐ NO ☐	☐			YES ☐ NO ☐

HAZARDOUS MATERIAL	BULK PLACARDED	EXPLOSIVES TYPE	EXPLOSIVES MAGAZINE
YES ☐ NO ☐	YES ☐ NO ☐	NONE ☐ A ☐ B ☐ C ☐	YES ☐ NO ☐

FLAMMABLE LIQUID	LP GAS	
AG GALS	UG GALS	AG GALS	UG GALS

FLAM. HEALTH REACTV.

RESPONSIBLE PARTY LAST	FIRST	MI	HOME PHONE	INSP. HRS.	COMPLETED INSP. DATE

RESPONSIBLE PARTY LAST	FIRST	MI	HOME PHONE	BUILD. DRAW REQUIRED	DRAWING COMPLETED
				YES ☐ NO ☐	YES ☐ NO ☐

PROPERTY MANAGEMENT

OCCUPANT NAME	PHONE	BUSINESS OWNER'S NAME LAST	FIRST	MI	HOME PHONE
WESTERN COTTON RESEARCH LAB	261-3524	USDA			

BUILD/PROPERTY OWNER'S NAME LAST	FIRST	MI	HOME PHONE	INSURANCE COMPANY NAME	PHONE

RESPONSIBLE PARTY	LAST NAME	FIRST NAME	MI	DATE OF BIRTH

HOME ADDRESS	HOME PHONE	STATE	DRIVER'S LIC. NO.	SOCIAL SECURITY NUMBER

THE FOLLOWING ITEMS ARE IN VIOLATION

EXIT REQUIREMENTS	HAZARDOUS MATERIALS	FIRE PROTECTION	BUILDING & GROUNDS
1. [illegible]ER REQUIRED	9. STORAGE/HANDLING/USE	17. FIRE DEPARTMENT CONNECTIONS	25. DRY VEGETATION
2. DOOR WIDTH/SWING	10. HAZARDOUS CHEMICALS	18. AUTOMATIC SPRINKLER SYS.	26. TRASH CONDITIONS
3. LOCKS/LATCHES	11. FLAMM./COMB. LIQUIDS	19. AUTOMATIC EXTINGUISHING SYS.	27. FIRE LANES
4. EXIT SIGNS	12. LP GAS	20. PORTABLE EXTINGUISHERS	28. DANGEROUS CONDITIONS
5. POWER OPERATED DOORS	13. EXPLOSIVES	21. HYDRANTS	29. DECORATIVE MATERIALS
6. OBSTRUCTIONS/AISLES	14. HAZ. MAT. APPLICATION	22. FIRE ALARM SYSTEM	30. OPEN FLAME DEVICES
7. TRAVEL DISTANCE TO EXIT	15. FIRE DIAMOND/NFPA	23. FIRE DOORS	31. MEDICAL
8. EMERGENCY LIGHTING	16. FIRE CODE PERMITS	24. STANDPIPE	32. OTHER — SPECIFY IN REMARKS

Dump [illegible] Storage Permit Expires Jan 1 [illegible] Date [illegible] Customer [illegible]

ITEM NO.	FIRE CODE SECTION	SPEC. REF.	REMARKS	CORR. REQ'D BY (DATE)	CORRECTED (DATE)	CORRECTION VERIFIED BY (PRINT NAME)
			PERMIT # 37233 please [illegible]			
			Permit for storage and handling of Hazardous Materials as per your application.			
			Any increase in quantity or addition of other Hazardous Materials will VOID this permit unless you first notify this office.			
			THIS PERMIT NOT TRANSFERABLE			

The items noted above are in violation of the Phoenix Fire Code. This is an official notice of ordinance violation requiring correction within the specified time. Failure to comply with these requirements may lead to legal action. Violation of the Phoenix Fire Code is as violation of City Ordinance G-2221, as amended, a Class 1 misdemeanor punishable by a fine not to exceed One Thousand Dollars or imprisonment not exceeding six months, or both. This inspection is intended for your safety and the safety of the citizens of Phoenix. Your cooperation is greatly appreciated. For information concerning this inspection call 262-

RECEIVED	DATE	COMPANY INSPECTOR NAME	STATION NO.	SHIFT
[illegible]	12/19/89	R. [illegible]	23	2

REFERRED TO F.P. INSPECTOR (NAME)	TURNOVER DATE	REFERRED TO CITY PROSECUTOR BY	DATE	FIRE INCIDENT REPORT NO.

5143 REV.

USE CLASS	ADDRESS NO.	DIR.	STREET NAME	TYPE	SUITE OR UNIT #	CITY	MONTH	DAY	YEAR
I-10	913	S	16 EQA.D NO 4	RD		PA	1	26	82

NFPA CLASS	STATE LIC. BED	PERMITS REQUIRED	OCCUPANCY LOAD	NO. OF UNITS OR SUITES	PRIORITY	AREA OF RESPONSIBILITY
429	YES ☐ NO ☒	YES ☒ NO ☐	DAY 160 NIGHT	0	92	25-1

SQ. FT. OF BUILD.	STORIES	BASEMENTS	ENTER LIGHTING	LOCK BOX	FIRE LANES	GUARD DOGS
35900	1	LEVELS 0 SQ. FT.	YES ☒ NO ☐	YES ☐ NO ☒	YES ☐ NO ☒	YES ☐ NO ☒

	EXIT PLANS	EXIT DRILLS	STANDPIPE SYSTEM	HOUSE LINES	FIRE PUMPS	HOOD SYS.
0 WITH FIREMAN FEATURE	YES ☒ NO ☐	YES ☐ NO ☒	WET ☐ DRY ☐ NONE ☒	YES ☐ NO ☒	YES ☐ NO ☒	YES ☐ NO ☒

AUTO. SPRINKLER SYS.	UNSUPERVISED	SUPERVISOR NAME	PHONE	PREVIOUS FIRE HISTORY
FULL ☐ PART. ☐ NONE ☒				YES ☐ NO ☒

FIRE ALARM SYSTEM	UNSUPERVISED	SUPERVISOR NAME	PHONE	SEARCH WARRANT USED
YES ☒ NO ☐		CENTRAL ALARMS	253-6131	YES ☐ NO ☒

HAZARDOUS MATERIAL	BUILD PLAN APPROVED	EXPLOSIVES TYPE	EXPLOSIVE MAGAZINES
YES ☒ NO ☐	YES ☒ NO ☐	NONE ☒ a ☐ b ☐ c ☐	YES ☐ NO ☒

FLAMMABLE LIQUID	LP GAS	
AG GALS. 0	UG GALS. 0	AG GALS. 0	UG GALS. 0

OLD SPRINKLER PLAN	PREFIRE PLAN CRITERIA	BUILD. DRAW. REQUIRED	DRAWING COMPLETED
SINGLE MAINS	0 / 26 8 2 COMPLETED	YES ☒ NO ☐	YES ☐ NO ☒

RESPONSIBLE PARTY
T.J. RENNEBERG

FLAM 2 / HEALTH 0 / REACTY 0 / SPECIAL

PROPERTY MANAGEMENT

OCCUPANCY NAME	PHONE	BUSINESS OWNER'S NAME	HOME PHONE
WESTERN COTTON RESEARCH LAB	261 3524	U.S. GOV	N/A

YOUR PROPERTY OWNER'S NAME	HOME PHONE	INSURANCE COMPANY NAME	PHONE
U.S. GOV	N/A	N/A	N/A

CAL SPRINKLER CITY	FIRST NAME	MIDDLE INITIAL	LAST NAME
	JACK	C	MAONEY

HOME PHONE	STATE	DRIVER'S LIC. NO.	SOCIAL SECURITY NUMBER

THE FOLLOWING ITEMS ARE IN VIOLATION

EXIT REQUIREMENTS			FIRE PROTECTION		BUILDING & GROUNDS	
INCH REQUIRED		9. EXIT SIGNS	16. FIRE DEPARTMENT CONNECTIONS		24. DRY VEGETATION	
WIDTH		10. AISLES	17. AUTOMATIC SPRINKLERS		25. TRASH CONDITIONS	
		HAZARDOUS MATERIALS	18. AUTOMATIC EXTINGUISHING SYSTEM		26. FIRE LANES	
DEAD ENDS		11. HAZARDOUS CHEMICALS	19. PORTABLE EXTINGUISHERS		27. EMERGENCY LIGHTING	
DOOR SWING		12. FLAMMABLE LIQUID STORAGE	20. HYDRANTS		28. DECORATIVE MATERIALS	
NOT OPERATED DOORS		13. LP-GAS	21. FIRE ALARM SYSTEM		29. OPEN FLAME DEVICES	
OBSTRUCTIONS		14. EXPLOSIVES	22. FIRE DOORS		30.	
TRAVEL DISTANCE TO EXIT		15. PERMIT # 15207	23. STAND PIPE		31. OTHER — SPECIFY IN REMARKS	
TRIP HAZARDS		PERMIT #				

FIRE CODE SECTION	SPECIFICATION REFERENCE	REMARKS	CORRECTION REQ'D BY (DATE)	RECHECK DATE	CORRECTED DATE
		NO CODE VIOLATION FOUND			
		HAZARDOUS MATERIAL PERMIT #15207 - COMPLIES -			

The items noted above are in violation of the Phoenix Fire Code. This is an official notice of ordinance violation requiring correction within the specified time. Failure to comply with these requirements may lead to legal action. Violation of the Phoenix Fire Code is a violation of City Ordinance G-2221 as amended, a Class 1 misdemeanor punishable by a fine not to exceed One Thousand Dollars or imprisonment not exceeding six months or both. This inspection is intended for your safety and the safety of the citizens of Phoenix. Your cooperation is greatly appreciated. For information concerning this inspection call 262-

COPY RECEIVED BY	DATE	COMPANY OR PERSON NAME	ITATION NO.
Jack Maoney	1/26/82	R. J. OKNEL	23

FILE TO F.P. OR TRANSF.	TURNOVER DATE	REFERRED TO CITY PROSECUTOR BY	DATE	SHIFT	FIRE INCIDENT REPORT NO.
				15	

FIRE PREVENTION

51-63 Rev. 10

CITY
OF
PHOENIX

January 13, 1978

Mr. Thomas Henneberry
Location Leader
Western Cotton Research Laboratory
4135 East Broadway
Phoenix, AZ 85040

Dear Sir:

On a recent fire and life safety inspection of your facility the following Fire Code violation was noted.

In Rooms L-4 and L-5 the flammable liquids in 5 gallon containers must be stored in a flammable liquid cabinet.

This is covered in Ordinance G-1141, Section 16.45f and should be corrected as soon as possible.

If I may be of assistance, feel free to call me at 262-6771.

Sincerely,

C. Bacon, Captain
Industrial Section
Division of Fire Prevention
620 W. Washington Room 167
Phoenix, AZ 85003 (262-6771)

CB/gr

FIRE DEPARTMENT
DIVISION OF FIRE PREVENTION
PERMIT

To maintain, store or handle materials, or to conduct processes and businesses which produce conditions hazardous to life or property, or to install equipment used in connection with such activities.

NO. 15207 ✓ DATE February 28, 1977

TO WHOM IT MAY CONCERN

By authority of the Fire Prevention Code of the City of Phoenix, and because the conditions, surroundings and arrangements of the property described below can comply with said code, authority is hereby granted to proceed with the activity described.

OWNER-OCCUPANT U. S. Dept. of Agriculture CONTRACTOR

ADDRESS 4135 E. Broadway

PURPOSE OF PERMIT For storage and handling of hazardous materials as per your application. Any increase in quantity or addition of other hazardous materials will void this permit unless you first notify this office.

This permit is issued and accepted on the condition that all regulations now in effect or hereafter adopted shall be complied with. The Permittee also agrees to periodic inspections of buildings and premises at reasonable hours. Permit may be revoked for noncompliance. Permits shall at all times be kept on the premises designated therein and shall at all times be subject to inspection by any officer of the Fire or Police Department.

THIS PERMIT DOES NOT TAKE THE PLACE OF ANY LICENSE REQUIRED BY LAW AND IS NOT TRANSFERABLE. ANY CHANGE OF USE OR OWNERSHIP SHALL REQUIRE A NEW PERMIT.

Ralph A. Klapper
PERMITTEE

J. Guest
FIRE MARSHAL

J. Guest, Captain

91-70 REV. 11-68

DIVISION OF FIRE PREVENTION E-4-4 13207

HAZARDOUS MATERIALS PERMIT APPLICATION

For the confidential information of the Chief of the Division of Fire Prevention who shall use the data contained therein to evaluate the fire and explosion hazard.

4135 E. BROADWAY	Owner: U. S. Department of Agriculture
Size of New Building or Addition: ----	Use of New Building or Addition: ----
Present Use of Existing Building Areas: Hazardous Chemical Storage Building	Since (year): 1971

1. Indicate by a "Yes" or "No" for each of the following hazardous materials whether they are to be used, processed or stored in this building. (See back for definitions)

FLAMMABLE LIQUIDS A Yes B Yes C No D No
FLAMMABLE GASES No DUSTS No FIBERS No
COMBUSTIBLE LIQUID Yes
COMBUSTIBLE DUST No FIBERS No
EXPLOSIVE AND UNSTABLE No
CORROSIVE Yes
TOXIC Yes
OXIDIZERS Yes

2. Indicate equipment or process involving any of the above Material:

Hydraulic Equipment	☐	Dust Collectors	☐	Drying Rooms	☐
Indust. Medical Gas	☐	Electro Plating	☐	Flow Coaters	☐
Picking or Garnetting	☐	Spray Painting	☐	Dip Tanks	☐
Magnesium Processing	☐	Ovens, Process	☐	Baler or Shredder	☐
Molten Salt Baths	☐	Welding/Cutting	☐	Others	☒

3. List separately any hazardous materials indicated in Item 1. Show max. quantities in use, storage or processing and show flash point of flammable and combustible liquids.

LIST HAZARDOUS MATERIALS		AMT. IN USE	AMT. IN STORAGE	FLASH PT.
[illegible]one	[illegible]	---	200 gal.	15
Methyl Ethyl Ketone	[illegible]	---	1 gal.	35
Cyclohexane	[illegible]	---	1 gal.	32
Methanol	[illegible]	---	5 gal.	65
2-Propanol	[illegible]	---	5 gal.	59
Ethyl Alcohol, 190 proof	[illegible]	---	70 gal.	55
Chloroform	[illegible]	---	45 gal.	none
Benzene	[illegible]	---	15 gal.	2
Hexane	[illegible]	---	18 gal.	-22
Methylene Chloride	[illegible]	---	4 gal.	none
Sulfuric Acid	[illegible]	---	20 gal.	--
Petroleum Ether	[illegible]	---	1 gal.	-25
Gasoline/Oil Mixture	[illegible]	---	3 gal.	-45

I hereby certify that the use, storage or process of hazardous materials in this building will be limited as indicated above.

Signature _____ Date _____
Owner or Responsible Agent

PERSON TO CONTACT FOR ADDITIONAL HAZARDOUS MATERIAL INFORMATION.

Phone

NO CARBON PAPER REQUIRED

CITY OF PHOENIX, ARIZONA
FIRE DEPARTMENT
DIVISION OF FIRE PREVENTION
620 W. Washington St. • Room 167 • Phoenix, AZ 85003

PERMIT NUMBER

HAZARDOUS MATERIALS PERMIT APPLICATION

For the confidential information of the Chief of the Division of Fire Prevention who shall use the data contained therein to evaluate the fire and explosion hazard.

ADDRESS 4125 East Broadway, Phoenix, Arizona 85040	OCCUPANCY NAME Pink Bollworm Rearing Facility USDA, APHIS, PPQ, ~~PBW & Range Pests Station~~
BLDG./PROP. OWNER NAME USDA PHONE 261-6014	RESPONSIBLE PARTY Fred Stewart 261-4828 Robert T. Staten PHONE 261-6014

NOTE: FILL OUT COMPLETELY AND RETURN TO ADDRESS AT TOP OF PAGE WITHIN _____ DAYS.

1. Indicate by a "Yes or No" for each of the following hazardous materials whether they are to be used, processed or stored in this building. (See back for definitions)

FLAMMABLE LIQUIDS Yes
FLAMMABLE GASES ____ DUSTS ____ FIBERS ____
COMBUSTIBLE LIQUID Yes
COMBUSTIBLE DUST ____ FIBERS ____
EXPLOSIVE AND UNSTABLE ____
CORROSIVE Yes
TOXIC Yes
OXIDIZERS ____

2. Indicate equipment or process involving any of the above Material:

Hydraulic Equipment	☐	Dust Collectors	☐	Drying Rooms	☐
Indust./Medical Gas	☒	Electro Plating	☐	Flow Coaters	☐
Picking or Garnetting	☐	Spray Painting	☒	Dip Tanks	☐
Magnesium Processing	☐	Ovens, Process	☐	Baler or Shredder	☐
Molten Salt Baths	☐	Welding/Cutting	☒	Others	☐

3. List separately any hazardous materials indicated in item 1. Show maximum quantities in use, storage or processing and show flash point of flammable and combustible liquids.

LIST HAZARDOUS MATERIALS	AMT. IN USE	AMT. IN STORAGE	FLASH PT.
See attached lists			

I hereby certify that the use, storage or process of hazardous materials in this building will be limited as indicated above.

Signature Fred Stewart R T Staten Date 12/18/85
Owner or Responsible Agent

PERSON TO CONTACT FOR ADDITIONAL HAZARDOUS MATERIAL INFORMATION.
Name Larry Herbaugh Phone 261-6014

OCCUPANT

90-10D
Rev. 2-80

this building. (See back for definitions)

FLAMMABLE LIQUIDS _____

FLAMMABLE GASES _____ DUSTS _____ FIBERS _____

COMBUSTIBLE LIQUID _____

COMBUSTIBLE DUST _____ FIBERS _____

EXPLOSIVE AND UNSTABLE _____

CORROSIVE _____

TOXIC _____

OXIDIZERS _____

Indicate equipment or process involving any of the above Material:

Hydraulic Equipment	☐	Dust Collectors	☐	Drying Rooms	☐
Indust./Medical Gas	☐	Electro Plating	☐	Flow Coaters	☐
Picking or Garnetting	☐	Spray Painting	☐	Dip Tanks	☐
Magnesium Processing	☐	Ovens, Process	☐	Baler or Shredder	☐
Molten Salt Baths	☐	Welding/Cutting	☐	Others	☐

3. List separately any hazardous materials indicated in item 1. Show maximum quantities in use, storage or processing and show flash point of flammable and combustible liquids.

LIST HAZARDOUS MATERIALS	AMT. IN USE	AMT. IN STORAGE	FLASH PT.
Flammable Liquids - Formaldahyde	5 gal	5 gal	
Combustible Liquids	5 gal	5 gal	
Corrosive - Potassium Hydroxide 4935225 UN1813	26.5 lbs	26.5 lbs	
Corrosive - Acetic Acid	5 pts	5 pts	
Corrosive - Sodim Hypochlorite (Bleach)	16 box	80 gal.	
4932378 UN1791			
Jesse Aguero			

I hereby certify that the use, storage or process of hazardous materials in this building will be limited as indicated above.

Signature _____ Date 12/85

Owner or Responsible Agent

PERSON TO CONTACT FOR ADDITIONAL HAZARDOUS MATERIAL INFORMATION.

this building. (See back for definitions)

FLAMMABLE LIQUIDS _____

FLAMMABLE GASES _____ DUSTS _____ FIBERS _____

COMBUSTIBLE LIQUID _____

COMBUSTIBLE DUST _____ FIBERS _____

EXPLOSIVE AND UNSTABLE _____ §

CORROSIVE _____

TOXIC _____

OXIDIZERS _____

dicate equipment or process involving any of the above Material:

- draulic Equipment ☐
- Indust./Medical Gas ☐
- Picking or Garnetting ☐
- Magnesium Processing ☐
- Molten Salt Baths ☐
- Dust Collectors ☐
- Electro Plating ☐
- Spray Painting ☐
- Ovens, Process ☐
- Welding/Cutting ☐
- Drying Rooms ☐
- Flow Coaters ☐
- Dip Tanks ☐
- Baler or Shredder ☐
- Others ☐

3. List separately any hazardous materials indicated in item 1. Show maximum quantities in use, storage or processing and show flash point of flammable and combustible liquids.

LIST HAZARDOUS MATERIALS		AMT. IN USE	AMT. IN STORAGE	FLASH PT.
Irradiator #1				
Irradiator #2				
Formalin		25 gal	-	
Bleach - Hypochloride	Off Season	3 gal/day)	(14 cs)	
Bleach - Hypochloride	Full Season	18 gal/day)	(6 gal/case)	
Vesphene - Germicidal Detergent		2 gal.	-	
Harvey Clemmons				

I hereby certify that the use, storage or process of hazardous materials in this building will be limited as indicated above.

Signature _____ Date _____
Owner or Responsible Agent

PERSON TO CONTACT FOR ADDITIONAL HAZARDOUS MATERIAL INFORMATION.

this building. (See back for definitions)

FLAMMABLE LIQUIDS _____

FLAMMABLE GASES _____ DUSTS _____ FIBERS _____

COMBUSTIBLE LIQUID _____

COMBUSTIBLE DUST _____ FIBERS _____

EXPLOSIVE AND UNSTABLE _____

CORROSIVE _____

TOXIC _____

OXIDIZERS _____

dicate equipment or process involving any of the above Material:

/draulic Equipment	☐	Dust Collectors	☐	Drying Rooms	☐
Indust./Medical Gas	☐	Electro Plating	☐	Flow Coaters	☐
Picking or Gametting	☐	Spray Painting	☐	Dip Tanks	☐
Magnesium Processing	☐	Ovens, Process	☐	Baler or Shredder	☐
Molten Salt Baths	☐	Welding/Cutting	☐	Others	☐

3. List separately any hazardous materials indicated in item 1. Show maximum quantities in use, storage or processing and show flash point of flammable and combustible liquids.

LIST HAZARDOUS MATERIALS	AMT. IN USE	AMT. IN STORAGE	FLASH PT.
Acetone 4908105 UN1090	2 gal	10 gal	
Argon Cylinders 336 cu. ft. ea 4904502 UN1006	5	3	
Nitric Acid	1 lb	50 lbs	
Metals & Solids solutions used in ICP work	125 bottles	500 ml ±	
Potassium permanganate crystals	5 lb		
Hydrochloric acid 4980228 UN1789	6 lb		
Occasional small quantities of insecticide,			
pheromones, stickers, etc. Never more than			
a pound of a couple materials in the facility			
at once.			
Larry			

I hereby certify that the use, storage or process of hazardous materials in this building will be limited as indicated above.

Signature _____ Date _____

Owner or Responsible Agent

CRITICAL HAZARDOUS MATERIAL INFORMATION

this building. (See back for definitions)

FLAMMABLE LIQUIDS yes

FLAMMABLE GASES yes DUSTS no FIBERS no

COMBUSTIBLE LIQUID yes

COMBUSTIBLE DUST no FIBERS no

EXPLOSIVE AND UNSTABLE no

CORROSIVE no

TOXIC no

OXIDIZERS no

licate equipment or process involving any of the above Material:

ydraulic Equipment	☐	Dust Collectors	☐	Drying Rooms	☐
Indust./Medical Gas	☒	Electro Plating	☐	Flow Coaters	☐
Picking or Garnetting	☐	Spray Painting	☒	Dip Tanks	☐
Magnesium Processing	☐	Ovens, Process	☐	Baler or Shredder	☐
Molten Salt Baths	☐	Welding/Cutting	☒	Others	☐

3. List separately any hazardous materials indicated in item 1. Show maximum quantities in use, storage or processing and show flash point of flammable and combustible liquids.

LIST HAZARDOUS MATERIALS	AMT. IN USE	AMT. IN STORAGE	FLASH PT.
Gasoline 4908178 UN1203	5 gal.	5 gal	
Oxygen 4904350 UN1072	1 cylinder	0	
Paint		15 gal	
Paint thinner		10 gal	
Propane 4905781 UN1075		10 small bottles	

I hereby certify that the use, storage or process of hazardous materials in this building will be limited as indicated above.

Signature [signature] Date 12-9-85

Owner or Responsible Agent

CITY OF PHOENIX
FIRE DEPARTMENT
OCCUPANCY ACTIVITY REPORT

DIV. _____ STA _____

REV. OCC. CLASS

PLEASE PRINT
PLACE X ONLY IN BOXES

CAD _____ OIS _____

PAGE ___ OF ___

OCC. CLASS	CITY	ADDRESS NO.	DIR.	STREET NAME	TYPE	CITY	SUITE OR UNIT	MONTH	DAY	YEAR
	P	41	R	BROADWAY	RD	P	#	12	06	85

NFPA CLASS	GROUP INSP. NO.	FIRE CODE PERMITS REQ	OCCUPANCY LOAD	# OF UNITS OR SUITES	PRIORITY	AREA OF RESPON
		YES ☐ NO ☐	DAY / NIGHT			23

SO.	OCC. INSP.	STORIES	BASEMENTS	EMERGENCY LIGHTING	LOCK BOX	FIRE LANES	GUARD DOGS
			LEVELS / SQ. FT.	YES ☐ NO ☐	YES ☐ NO ☐	YES ☐ NO ☐	YES ☐ NO ☐

ELEVATORS	# WITH FIREMAN FEATURE	EXIT PLANS	EXIT DRILLS	STANDPIPE SYSTEM	HOUSE LINES	FIRE PUMPS	HOOD SYS
		YES ☐ NO ☐	YES ☐ NO ☐	WET ☐ DRY ☐ NONE ☐	YES ☐ NO ☐	YES ☐ NO ☐	YES ☐ NO ☐

AUTOMATIC SPRINKLER SYS			PREVIOUS FIRE HISTORY
FULL ☐ PART ☐ NONE ☐	UNSUPERVISED ☐ SUPERVISOR NAME	PHONE	YES ☐ NO ☐
FIRE ALARM SYSTEM YES ☐ NO ☐	UNSUPERVISED ☐ SUPERVISOR NAME	PHONE	SEARCH WARRANT USED YES ☐ NO ☐

HAZARDOUS MATERIAL	BUILD PLACARDED	EXPLOSIVES TYPE	EXPLOSIVES MAGAZINE
YES ☐ NO ☐	YES ☐ NO ☐	NONE ☐ A ☐ B ☐ C ☐	YES ☐ NO ☐

FLAMMABLE LIQUID		LP GAS	
AG GALS	UG GALS	AG GALS	UG GALS

FLAM. / HEALTH / REACTY

RESPONSIBLE PARTY LAST	FIRST	MI	INSP. HRS.	COMPLETED INSP DATE
STEWART	FRED	D	[redacted]	— —

RESPONSIBLE PARTY LAST	FIRST	MI	BUILD. DRAW REQUIRED	DRAWING COMPLETED
STATEN	ROBERT		YES ☐ NO ☐	YES ☐ NO ☐

PROPERTY MANAGEMENT

OCCUPANCY NAME	PHONE	BUSINESS OWNER'S NAME LAST FIRST MI	HOME PHONE
USDA	261-6014		

BUILD/PROPERTY OWNER'S NAME LAST FIRST MI	HOME PHONE	INSURANCE COMPANY NAME	PHONE

RESPONSIBLE PARTY	LAST NAME	FIRST NAME	MI	DATE OF BIRTH

HOME ADDRESS	HOME PHONE	STATE	DRIVER'S LIC. NO.	SOCIAL SECURITY NUMBER

THE FOLLOWING ITEMS ARE IN VIOLATION

EXIT REQUIREMENTS		HAZARDOUS MATERIALS		FIRE PROTECTION		BUILDING & GROUNDS	
1. NUMBER REQUIRED		9. STORAGE-HANDLING-USE		17 FIRE DEPARTMENT CONNECTIONS		25. DRY VEGETATION	
2. DOOR WIDTH/SWING		10. HAZARDOUS CHEMICALS		18. AUTOMATIC SPRINKLERS		26. TRASH CONDITIONS	
3. LOCKS, LATCHES		11. FLAMM./COMB. LIQUIDS		19. AUTOMATIC EXTINGUISHING SYSTEM		27. FIRE LANES	
4. EXIT SIGNS		12. L.P. GAS		20. PORTABLE EXTINGUISHERS		28. DANGEROUS CONDITIONS	
5. POWER OPERATED DOORS		13 EXPLOSIVES		21 HYDRANTS		29. DECORATIVE MATERIALS	
6. OBSTRUCTIONS/AISLES		14. HAZ. MAT. APPLICATION	X	22. FIRE ALARM SYSTEM		30. OPEN FLAME DEVICES	
7. TRAVEL DISTANCE TO EXIT		15. FIRE DIAMOND (NFPA)		23. FIRE DOORS		31. ELECTRICAL	
8. EMERGENCY LIGHTING		16. FIRE CODE PERMITS		24. STAND PIPE		32. OTHER — SPECIFY IN REMARKS	

ITEM NO.	FIRE CODE SECTION	SPEC. REF.	REMARKS	CORR. REQ'D. BY (DATE)	CORRECTED (DATE)	CORRECTION VERIFIED BY (PRINT NAME)
14	20		Submit Hazardous Materials Application as per attached letter, listing all chemicals or flammables used or stored on property.	12/20/85		
			HAVE RDS MATERIAL			

The items noted above are in violation of the Phoenix Fire Code. This is an official notice of ordinance violation requiring correction within the specified time. Failure to comply with these requirements may lead to legal action. Violation of the Phoenix Fire Code is as violation of City Ordinance G-2221, as amended, a Class 1 misdemeanor punishable by a fine not to exceed One Thousand Dollars or imprisonment not exceeding six months or both. This inspection is intended for your safety and the safety of the citizens of Phoenix. Your cooperation is greatly appreciated. For information concerning this inspection call **262-6771**

COPY RECEIVED BY X Robert Staten	DATE 12/6/85	COMPANY INSPECTOR (NAME) [illegible]	STATION NO. / SHIFT FP
REFERRED TO F.P. INSPECTOR (NAME)	TURNOVER DATE	REFERRED TO CITY PROSECUTOR BY	DATE / FIRE INCIDENT REPORT NO.

CITY OF PHOENIX, ARIZONA
FIRE DEPARTMENT
DIVISION OF FIRE PREVENTION
PERMIT

To maintain, store or handle materials, or to conduct processes and businesses which produce conditions hazardous to life or property, or to install equipment used in connection with such activities.

ID 15208 DATE February 28, 1977

TO WHOM IT MAY CONCERN:

By authority of the Fire Prevention Code of the City of Phoenix, and because the conditions, surroundings and arrangements of the property described below can comply with said code, authority is hereby granted to proceed with the activity described.

OWNER-OCCUPANT Pink Boll Worm Rearing Facilities CONTRACTOR

ADDRESS 4125 E. Broadway

PURPOSE OF PERMIT For storage and handling of hazardous materials as per your application. Any increase in quantity or addition of other hazardous materials will void this permit unless you first notify this office.

This permit is issued and accepted on the condition that all regulations now in effect or hereafter adopted shall be complied with. The Permittee also agrees to periodic inspections of buildings and premises at reasonable hours. Permit may be revoked for noncompliance. Permits shall at all times be kept on the premises designated therein and shall at all times be subject to inspection by any officer of the Fire or Police Department.

THIS PERMIT DOES NOT TAKE THE PLACE OF ANY LICENSE REQUIRED BY LAW AND IS NOT TRANSFERABLE. ANY CHANGE OF USE OR OWNERSHIP SHALL REQUIRE A NEW PERMIT.

[signature] 4-5-77
PERMITTEE

[signature]
FIRE MARSHAL

J. Guest, Captain

[illegible]

G-100
REV 11-66

CITY OF PHOENIX, ARIZONA
FIRE DEPARTMENT
DIVISION OF FIRE PREVENTION

PERMIT NUMBER 15208

HAZARDOUS MATERIALS PERMIT APPLICATION

For the confidential information of the Chief of the Division of Fire Prevention who shall use the data contained therein to evaluate the fire and explosion hazard.

Address: 4415 E. Broadway
Owner: Pick Bell Worm Bearing Facilities
Use of New Building or Addition: You have plat map
Use of New Building or Addition: 1969
Present Use of Existing Building Areas: Insect Repair
Since (year)

Indicate by a "Yes" or "No" for each of the following hazardous materials whether they are to be used, processed or stored in this building. (See back for definitions)

FLAMMABLE LIQUIDS A ____ B ____ C ____ D ____ EXPLOSIVE AND UNSTABLE ____
FLAMMABLE GASES ____ DUSTS ____ FIBERS ____ CORROSIVE ____
COMBUSTIBLE LIQUID ____ TOXIC ____
COMBUSTIBLE DUST ____ FIBERS ____ OXIDIZERS ____

Indicate equipment or process involving any of the above Material:

Hydraulic Equipment	☐	Dust Collectors	☐	Drying Rooms	☐
Indust./Medical Gas	☐	Electro Plating	☐	Flow Coolers	☐
Pickling or Cementing	☐	Spray Painting	☐	Dip Tanks	☐
Magnesium Processing	☐	Ovens, Process	☐	Baler or Shredder	☐
Molten Salt Baths	☐	Welding/Cutting	☒	Others	☐

List separately any hazardous materials indicated in item 1. Show max. quantities in use, storage or processing and show flash of flammable and combustible liquids.

LIST HAZARDOUS MATERIALS	AMT. IN USE	AMT. IN STORAGE	FLASH PT.
Oxy-Acetylene Cutting	2 cylinders	None	
& welding hose only	2 acetylene		
Paint & Paint thinners	10 Total		13
(stored in small bldg. behind shop)			
Welding rods (Heliarc & Coughran)			
Fire Oil in shop	40-50 lbs		

I hereby certify that the use, storage or process of hazardous materials in this building will be limited as indicated above.

Signature: [illegible] Owner or Responsible Agent
Date: 7-1-77

PERSON TO CONTACT FOR ADDITIONAL HAZARDOUS MATERIAL INFORMATION

Name ____ Phone ____

NO CARBON PAPER REQUIRED

Fire Department

SUMMARY PAGE NO.

REPORT OF PROPERTY IDENTIFICATION

STREET ADDRESS

NAME OF BUSINESS

TYPE OF BUSINESS

BUILDING/PROPERTY OWNER:

BUSINESS OWNER/AGENT:

RESPONSIBLE PARTY INFORMATION

NAME | PHONE

NAME | PHONE

DATE | INSP. FREQUENCY

STORIES | BASEMENT LEVELS | SQ. FT. | SQ. FT.

Water Supply: G.P.M. Needed
☒ Adequate ☐ Not Adequate ☐ Needs Analysis

Do We Need: ☐ Nothing
☐ Pre-Fire Plan ☒ Drawing ☐ Target Inspection ☐ Other

Occupancy Classification:
☐ 1 Public Assembly, Type ☐ 2 Educational, Type
☒ 3 Institutional, Type ☐ 4 Residential, Type
☐ 5 Store and Office, Type ☒ 6 Basic Industry, Type
☐ 7 Manufacturing, Type ☐ 8 Storage, Type ☐ 9 Special, Type

Fire Protection Equipment: ☐ None
Sprinklers ☐ All ☐ Part Sprinkler Alarm Supervision By:
☐ Standpipe ☐ Fire Hose Unit(s) ☐ Fire Extinguishers
☐ Fire Alarm Type ☐ Automatic Dry Chemical System
☐ Other Remarks:

Construction: ☐ Part (underline predominant construction) ☐ All
☐ Fire Resistive ☐ Heavy Timber (Mill) ☐ Noncombustible
☒ Ordinary ☐ Wood Frame

Hazards: Fire ☐ Light ☐ Ordinary ☒ Heavy ☐ Extra Heavy
Life ☐ Light ☒ Ordinary ☐ Heavy ☐ Extra Heavy
☐ Hazardous Materials Type Quantity

NFPA Symbol

Misc.: ☒ Paint Spray Booth ☐ L.P.G. ☐ Flam. Liquids ☐ Other

Drawing: Use Scale 1" = 50', 1" = 100', 1" = 200'

REMARKS:

☐ Difficult Access
☐ Exposure Problem

☐ Additional Info on Reverse

INSPECTOR

COMPANY - SHIFT

22-416
NEW 2-74

CITY OF PHOENIX, ARIZONA
FIRE DEPARTMENT
DIVISION OF FIRE PREVENTION

PERMIT

To maintain, store or handle materials, or to conduct processes and businesses which produce conditions hazardous to life or property, or to install equipment used in connection with such activities.

NO. 12642 DATE June 25, 1973

TO WHOM IT MAY CONCERN

By authority of the Fire Prevention Code of the City of Phoenix, and because the conditions, surroundings and arrangements of the property described below can comply with said code, authority is hereby granted to proceed with the activity described.

OWNER
OCCUPANT USDA-APHIS-PPQF-PP CONTRACTOR

ADDRESS 4125 E. Broadway, Phoenix, AZ 85040

PURPOSE OF PERMIT For storage and handling of hazardous materials as per your application. Any increase in quantity or addition of other hazardous materials will void this permit unless you first notify this office.

This permit is issued and accepted on the condition that all regulations now in effect or hereafter adopted shall be complied with. The Permittee also agrees to periodic inspections of buildings and premises at reasonable hours. Permit may be revoked for noncompliance. Permits shall at all times be kept on the premises designated herein and shall at all times be subject to inspection by any officer of the Fire or Police Department.

THIS PERMIT DOES NOT TAKE THE PLACE OF ANY LICENSE REQUIRED BY LAW AND IS NOT TRANSFERABLE. ANY CHANGE OF USE OR OWNERSHIP SHALL REQUIRE A NEW PERMIT.

Donald W. Woodham
PERMITTEE

M. P. McElroy
FIRE MARSHAL

M. P. McElroy, Sr. Fire Inspector

CLASSIFICATION _____ DATE 6-25-75

BY - McElroy

COMMENTS: Standard radioactive [illegible] sign to be posted front & rear of [illegible]

HAZARDOUS MATERIAL DEFINITIONS (brief)

AIR REACTIVE MATERIAL — Any material which will ignite spontaneously in contact with air.

COMBUSTIBLE MATERIALS — Liquids with a flash point of 150° or above and other materials which ignite and actively support combustion when exposed to an environmental temperature of 1500° F. for a period of not less than 5 minutes.

COMBUSTIBLE CORROSIVE MATERIAL — Solids, liquids or gases which can damage living tissue or cause fire.

EXPLOSIVE MATERIAL — Any compound which is classed as an A, B, or C Explosive.

FLAMMABLE LIQUIDS AND MATERIALS — Gases, liquified gases, liquids, dusts, fibers, or other materials which are flammable.

OXIDIZING MATERIALS — Any element or compound which yields oxygen or reacts when subjected to water, heat or fire conditions.

TOXIC MATERIALS — Gases, liquids or solids which may create hazard to life by ingestion, inhalation, etc., under fire conditions.

UNSTABLE MATERIALS — Those materials which react from heat, shock, friction, contamination, etc., and which are capable of violent decomposition or other reaction but which are not designed primarily as an explosive.

WATER REACTIVE MATERIAL — React violently or dangerously on exposure to water or moisture.

OTHER MATERIALS — Indicate any materials of which you are in doubt as to proper classification.

NEW 11-68

FIRE DEPARTMENT
DIVISION OF FIRE PREVENTION

PERMIT NUMBER 12642

HAZARDOUS MATERIALS PERMIT APPLICATION

For the confidential information of the Chief of the Division of Fire Prevention who shall use the data contained therein to evaluate the fire and explosion hazard.

Address: 4125 E. Broadway Phoenix, AZ 85040

Owner: USDA-APHIS-PPOP-PP

Size of New Building or Addition:

Use of New Building or Addition:

Present Use of Existing Building Areas: Pink Bollworm Rearing Facility

Since (year): 1969

1. Indicate by a "Yes" or "No" for each of the following hazardous materials whether they are to be used, processed or stored in this building. (See back for definitions)

FLAMMABLE LIQUIDS A ____ B ____ C ____ D ____ EXPLOSIVE AND UNSTABLE ____
FLAMMABLE GASES ____ DUSTS ____ FIBERS ____ CORROSIVE ____
COMBUSTIBLE LIQUID ____ TOXIC ____
COMBUSTIBLE DUST ____ FIBERS ____ OXIDIZERS ____

2. Indicate equipment or process involving any of the above Materials:

Hydraulic Equipment		Dust Collectors		Drying Rooms	
Indust./Medical Gas		Electro Plating		Flow Coaters	
Picking or Galnetting		Spray Painting	✓	Dip Tanks	
Magnesium Processing		Ovens, Process		Baler or Shredder	
Molten Salt Baths		Welding/Cutting		Other	

3. List separately any hazardous materials indicated in item 1. Show max. quantities in use, storage or processing and show total amount of flammable and combustible liquids.

LIST HAZARDOUS MATERIALS	AMT. IN USE	AMT. IN STORAGE	FLASH PT.
cobalt radiation irradiator (cobalt 60)	4514 curies as of Jan. '69	½ life 5.25 years	

I hereby certify that the use, storage or process of hazardous materials in this building will be limited as indicated above.

Signature: Donald W. Woodham Donald W. Woodham Date 5/20/75
Owner or Responsible Agent

Laboratory Supervisor

ON TO CONTACT FOR ADDITIONAL HAZARDOUS MATERIAL INFORMATION.

Name Donald W. Woodham Laboratory Supervisor Phone 261-4828

NO CARBON PAPER REQUIRED

LIST HAZARDOUS MATERIALS	AMT. IN USE	AMT. IN STORAGE	FLASH PT.
Perchloric Acid	---	8 gal.	--
Formic Acid	---	1 gal.	--
Formaldehyde	---	8 gal.	--
Hydrochloric Acid	---	12 gal.	--
Methyl Parathion	---	10 lb.	--
Dieldrin	---	5 gal.	--
Ceresan	---	5 gal.	--
Galecron	---	1 gal.	--
Chlorobenzilate	---	1 gal.	--

Fire Department

SUMMARY PAGE NO. ____

REPORT OF PROPERTY IDENTIFICATION

STREET ADDRESS: 4135 E BROADWAY

NAME OF BUSINESS: WESTERN COTTON RESEARCH LAB

TYPE OF BUSINESS: RESEARCH AGRICULTURE

BUILDING/PROPERTY OWNER: U.S. GOVERNMENT

BUSINESS OWNER/AGENT: DR JACK MAUNEY

RESPONSIBLE PARTY INFORMATION

NAME: DR JACK MAUNEY — PHONE: 332-5523

NAME: T.J. HENNESSEY — PHONE: 818-3243

DATE: 4/85 — INSP. FREQUENCY: 6

STORIES: 1 — BASEMENT: LEVELS ___ SQ. FT. ___ — SQ. FT. 35,000

Water Supply: G.P.M. Needed 2400 GPM
☒ Adequate ☐ Not Adequate ☐ Needs Analysis

Do We Need: ☐ Nothing
☐ Pre-Fire Plan ☒ Drawing ☐ Target Inspection ☐ Other ____

Occupancy Classification:
☐ 1. Public Assembly, Type ____ ☐ 2 Educational, Type ____
☐ 3. Institutional, Type ____ ☐ 4 Residential, Type ____
☐ 5. Store and Office, Type ____ ☒ 6 Basic Industry, Type 637
☐ 7. Manufacturing, Type ____ ☐ 8 Storage, Type ____ ☐ 9 Special Type ____

Fire Protection Equipment: ☒ None
Sprinklers ☐ All ☐ Part. Sprinkler Alarm Supervision By:
☐ Standpipe ☐ Fire Hose Unit(s) ☒ Fire Extinguishers
☒ Fire Alarm Type LOCAL ☐ Automatic Dry Chemical System
☐ Other Remarks:

Construction: ☐ Part (underline predominant construction) ☒ All
☐ Fire Resistive ☐ Heavy Timber (Mill) ☐ Noncombustible
☒ Ordinary ☐ Wood Frame

Hazards: Fire ☐ Light ☒ Ordinary ☐ Heavy ☐ Extra Heavy
Life ☐ Light ☒ Ordinary ☐ Heavy ☐ Extra Heavy
☒ Hazardous Materials, Type ____ Quantity ____

NFPA Symbol

Misc.: ☐ Paint Spray Booth ☐ L.P.G. ☒ Flam. Liquids ☒ Other

Drawing: Use Scale – 1" = 50'; 1" = 100'; 1" = 200'

Methanol	4	5	"	"	Most of these materials are
Methane	16	5	"	"	contained in pipe
Petroleum ether	6	5	"	"	
Butyl alcohol	4	5	"	"	
Methyl alcohol	1	5	"	"	
Ethyl alcohol	4	50	"	"	
Petroleum ether	2	5	"	"	
Acetoacetic ester	20	1	"	"	
Formic acid	10	1	"	"	
Acetic acid	2	1	"	"	
Acetic acid	1	1	"	"	
Ethylene glycol	2	1	"	"	
Sodium nitrite	100	1	"	"	
Ethyl	5	1	"	"	

REMARKS: Approx. 5 lbs. explosive material on hand occasionally. (F-32 & C-14)

SEE ATTACHED DRAWING.

☒ Difficult Access
☐ Exposure Problem

☐ Additional Info on Reverse

INSPECTOR: JENSEN — COMPANY SHIFT: 2 A

SHEET 1 OF 1

HAZARDOUS MATERIALS SURVEY

ADDRESS NO.	DIR.	STREET	TYPE	SUITE #	CITY
4125	E	Broadway	Rd		P

OCCUPANCY NAME	SUBZONE	SQ.FT.
USDA, APHIS, PPQ, Pink Bollworm Rearing Facility	21201	4000

PERMIT #	OCC CLASS	COMPLEX	NFPA CLASS	GROUP INSP.NO.
15208	IND		626	

UNIT OF MEASURE EQUALS: G = GALLONS, L = POUNDS, C = CUBIC FEET
R = RADIOLOGICAL, E = ETIOLOGICAL

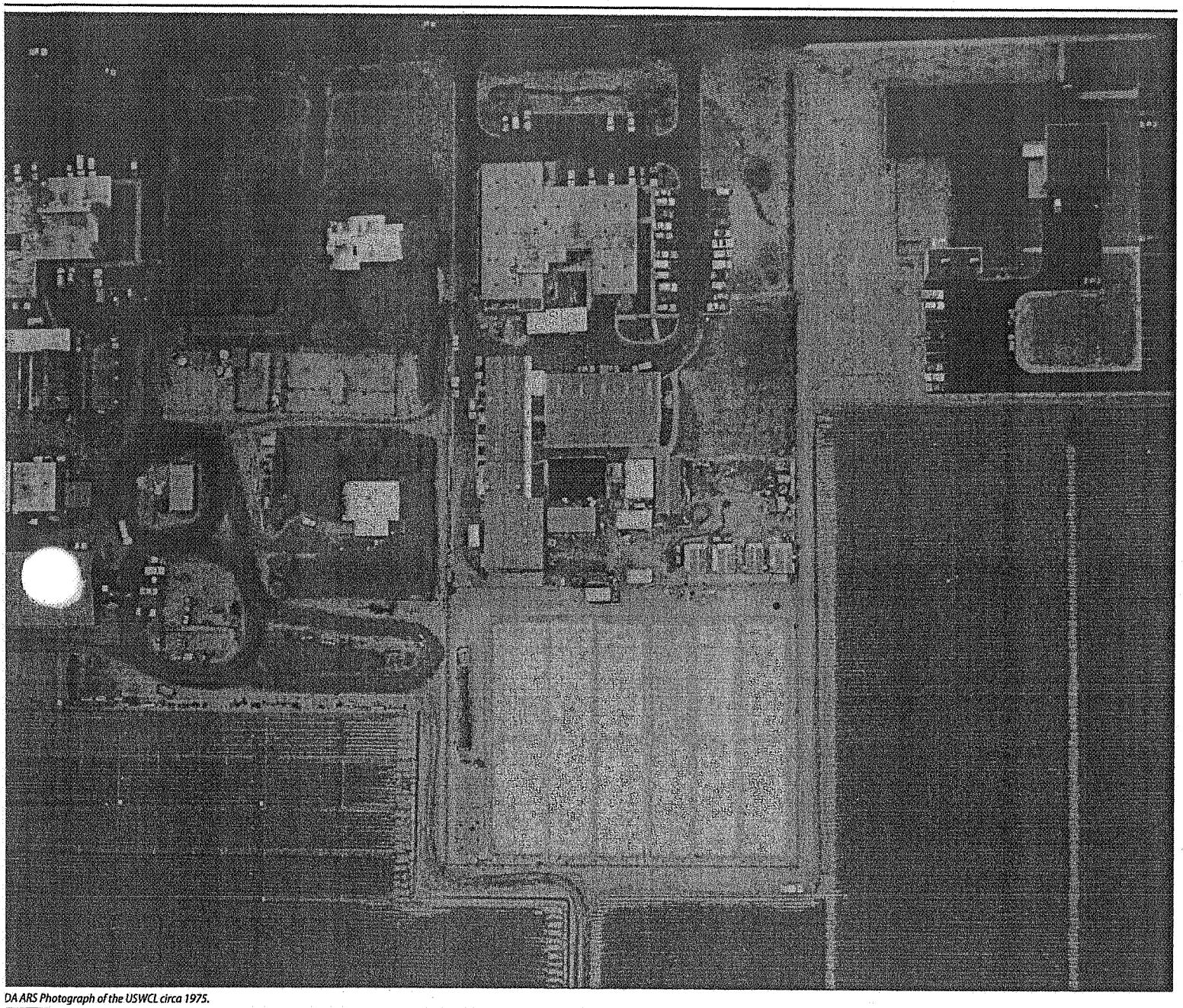
STCC # 49	AMOUNT	UNIT OF MEASURE	STCC # 49	AMOUNT	UNIT OF MEASURE
4935225	53	L			
4932378	80	G			
4908105	12	G			
4904502	2688	C			
4930228	6	L			
4908178	10	G			
4904350	244	C			
4905781	4	G			

05/08/86

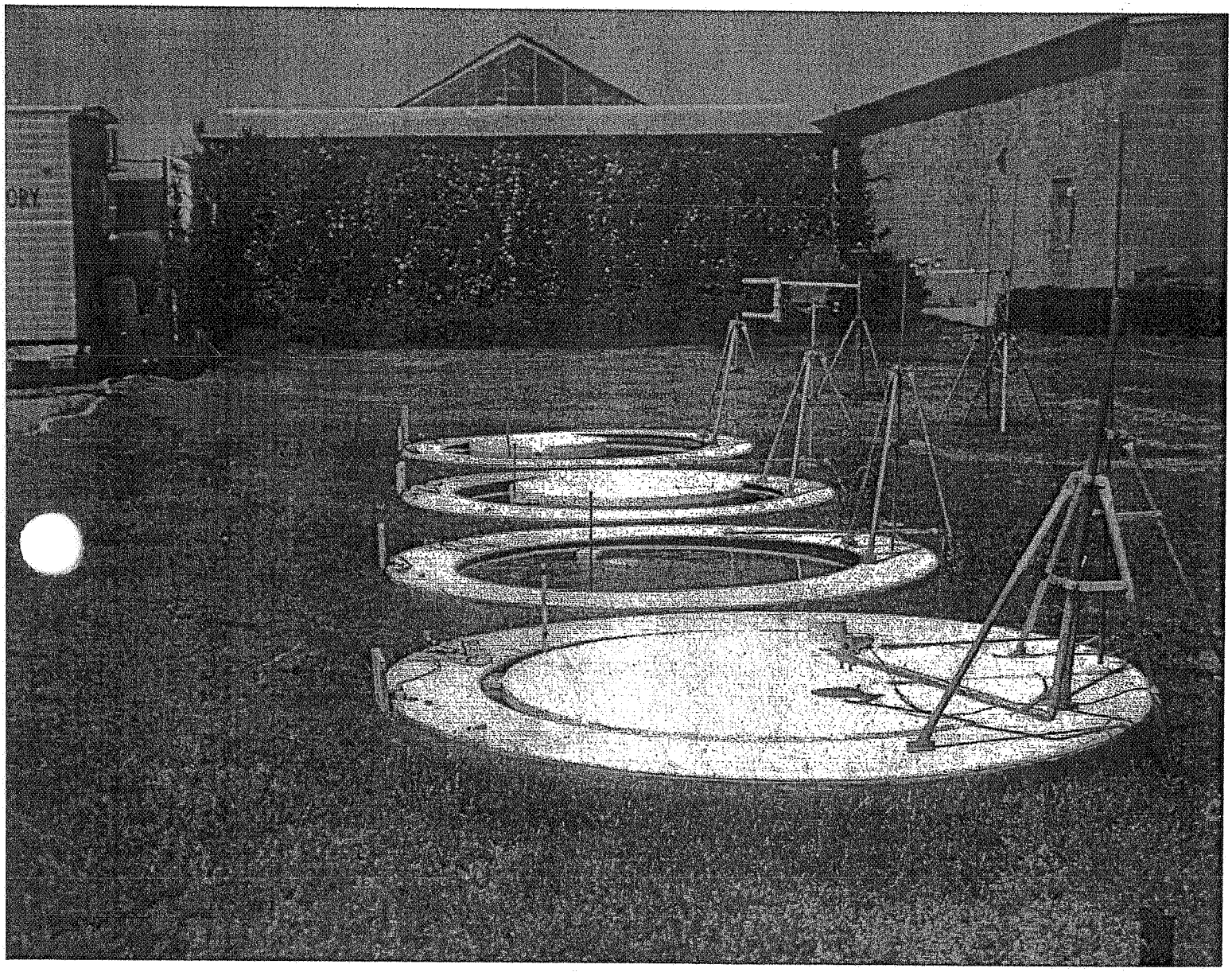
APPENDIX D

CLIENT SUPPLIED INFORMATION

:DA ARS Photograph of the USWCL circa 1974.



DA ARS Photograph of the USWCL circa 1975.



SDA ARS Photograph of the USWCL.

IHI
ENVIRONMENTAL

July 31, 1996

This deals with a different property – water lab vs. cotton

Mr. Kevin Martin
USDA, ARS, PWA
U.S. Water Conservation Lab
4331 East Broadway Road
Phoenix, Arizona 85040-8832

RE: Soil Analytical Results
U.S. Water Conservation Laboratory, Phoenix, Arizona
Purchase Order 40-81J8-6-179
IHI Project No. 96-1223

Dear Mr. Martin:

This letter report summarizes the background, purpose, objective, methodology, and results of a limited soil investigation conducted at the U.S. Water Conservation Laboratory located at 4331 East Broadway in Phoenix, Arizona. In addition, remedial options are presented for consideration. The soil investigation was a preliminary task conducted instead of or prior to the soil excavation and remediation project described in Request For Quotation No. 5344-0005-96 issued by the USDA, ARS, PWA, Administrative Office on May 1, 1996.

BACKGROUND

An area of petroleum-contaminated soil is present at the southwest corner of the subject property just north of the chemical storage building (Figure 1). The petroleum-contaminated soils are a result of minor releases from drums of waste oil that were stored near the chemical storage building.

640 EAST WILMINGTON AVENUE SALT LAKE CITY, UT 84106 TELEPHONE: 801-466-2223 FAX: 801-466-9616

SALT LAKE CITY BERKELEY PHOENIX DENVER

ASSET
ENVIRONMENTAL SERVICES, INC.
2055 East Rio Salado Parkway
Suite 101
Tempe, Arizona 85281
(602) 966-8705
(602) 966-9422 Fax

U.S.D.A.
4317 East Broadway Road
Phoenix, Arizona 85040

30 April 1997

This deals with a different property — water lab vs. cotton.

Attention: Guy McDonnell

Subject: Excavation Activities of Used Oil Area
U.S.D.A. Facility
4317 East Broadway Road
Phoenix, Arizona 85040

Project No. A96-057

Attached, please find the copies of the analytical laboratory test results and a scaled site plan for the soil sampling performed, by Asset, on 24 February, and 13, 14, and 27 March 1997. The soil samples were tested for Total Mercury using EPA Method 7471, Total Recoverable Petroleum Hydrocarbons (TRPH) using ADHS Method 418.1AZ, Halogenated and Aromatic Volatile compounds using EPA Method 8010/8020, Semi-Volatile Organic compounds by GC/MS using EPA Method 8270 and RCRA Metals using EPA Method 6010. Also included is the thermal destruction certificate from Sonas Earth Sciences, Arizona Department of Environmental Quality (ADEQ) Special Waste Manifest, ADEQ Application for Arizona Special Waste Identification Number, and Sonas's Project and Waste Profile Form.

On 24 February 1997 Asset excavated an area approximate 36 inches wide by 14 feet 4 inches long by 34 inches deep starting 64 inches north of the site datum point and continuing north. Six soil samples were collected from 34 inches below ground surface (bgs); one from the bottom of each of the four walls, one from the center of the bottom of the excavation and one from the stockpile. On 13 March 1997 an additional stockpile sample was collected for soil disposal profile purposes. On 14 March 1997 the original excavation was again excavated to a depth of 6 feet 6 inches bgs in the areas sampled as "E" and "C" due to the

B1 = 112½" N 15" E

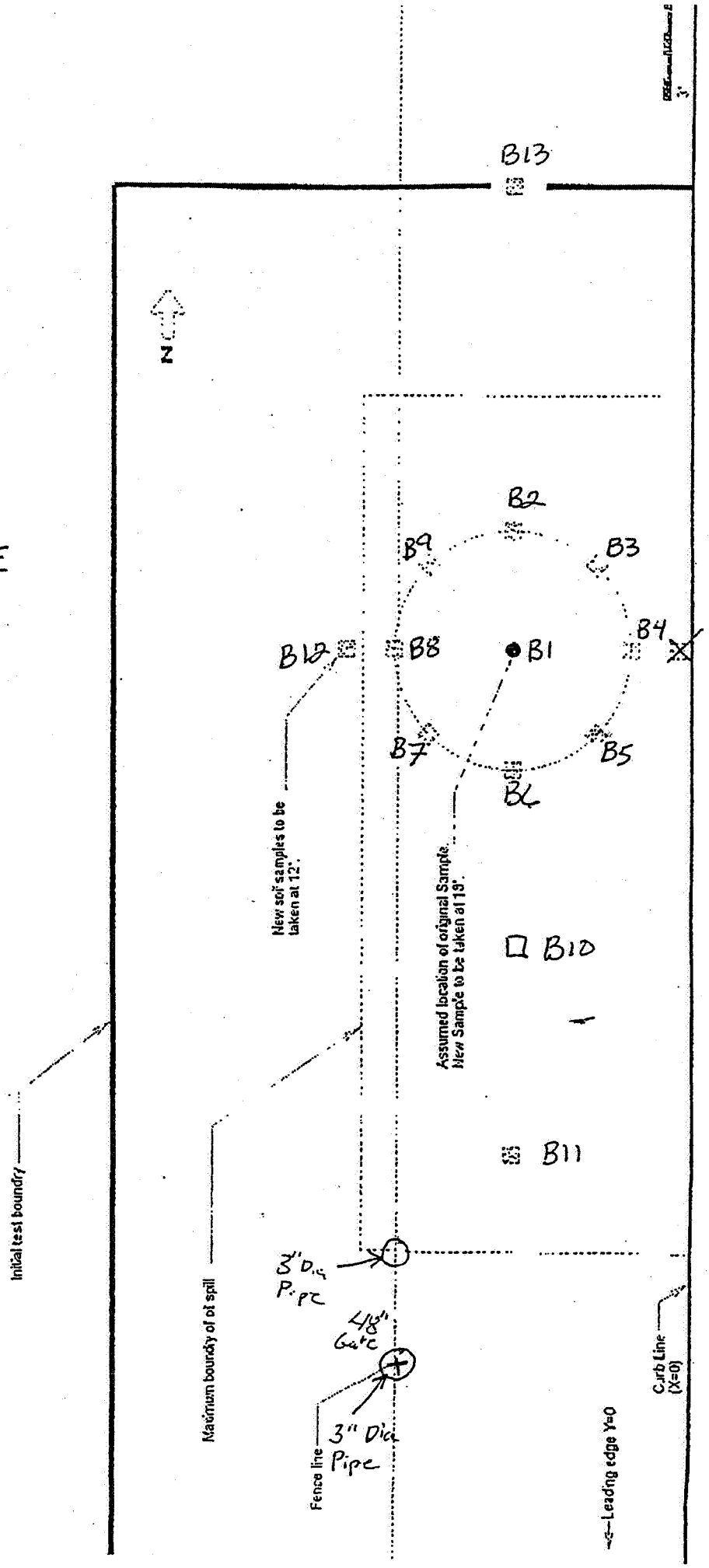
(2) B2 thru B9 15" Radius From B1

(3) B10 = 80" N 15" E

(4) B11 = 48" N 15" E

(5) B13 = 172½" N 15" E

(6) B12 = 112½" N 24" E From B1



+ Datum

NOV-15-90 WED 14:31 USDH,HKS,PHOENIX,ADMIN FAX NO. 6023794801 P.04

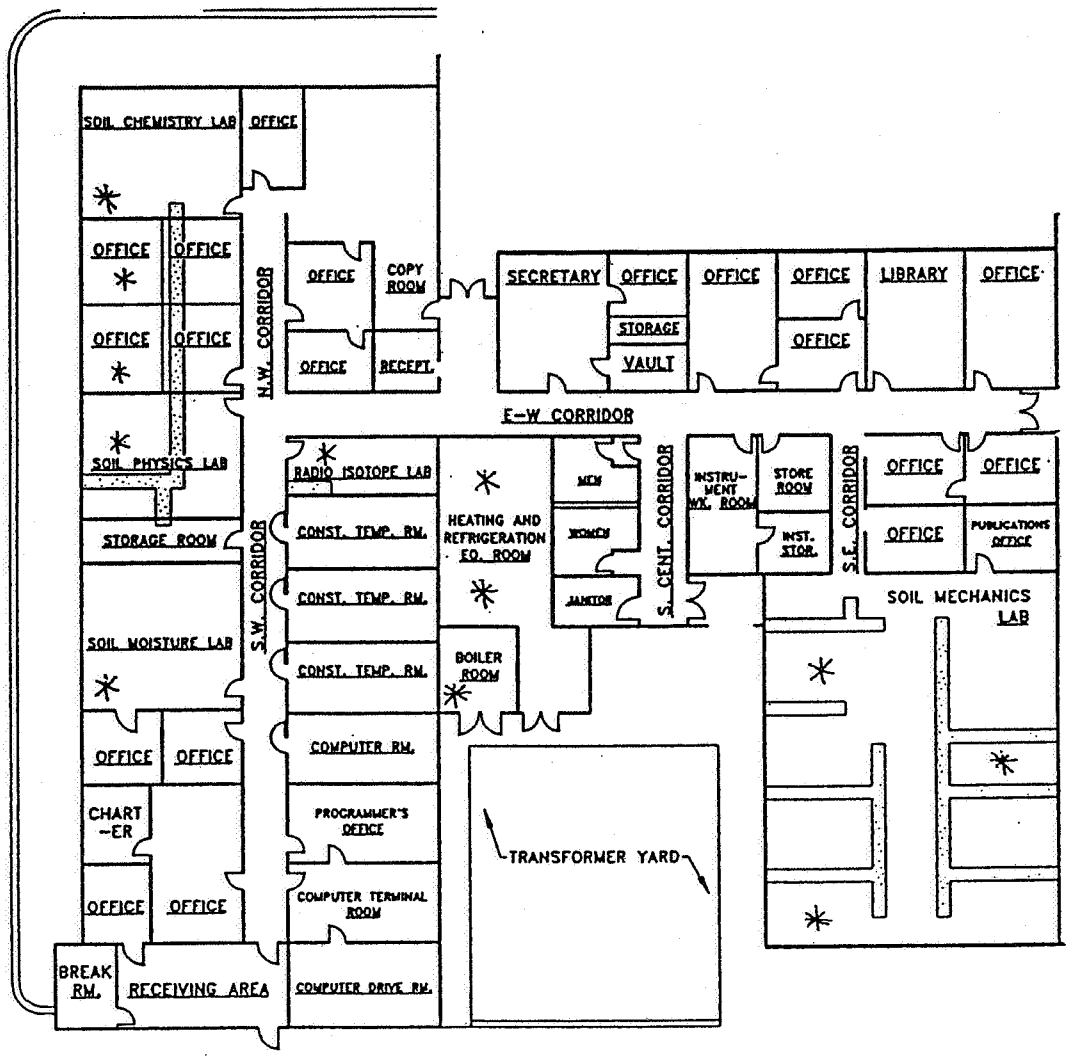
Figure 1 – Site Plan

US Water Conservation Laboratory–Building No. 1

Asbestos Abatement Project

* Negative Air Placement.

- All Negative air machines are rated at 2000 CFM



Note: all negative air machines to be exhausted to building exterior

See demolition plans, on drawings, for information on items to be removed within areas here indicated

LEGEND:

FLOOR TILE/MASTIC

NOT TO SCALE

Reviewed: G. Kalfayan, IHIT	Review Date: 02/24/94
Client: Earl Kai Chann & Associates, Ltd.	Prepared: R. Christensen
Western Technologies Inc.	
Job No. 2283JC101	Figure: 1

Glovebag procedure will decon at remote un

Figure 3 – Site Plan

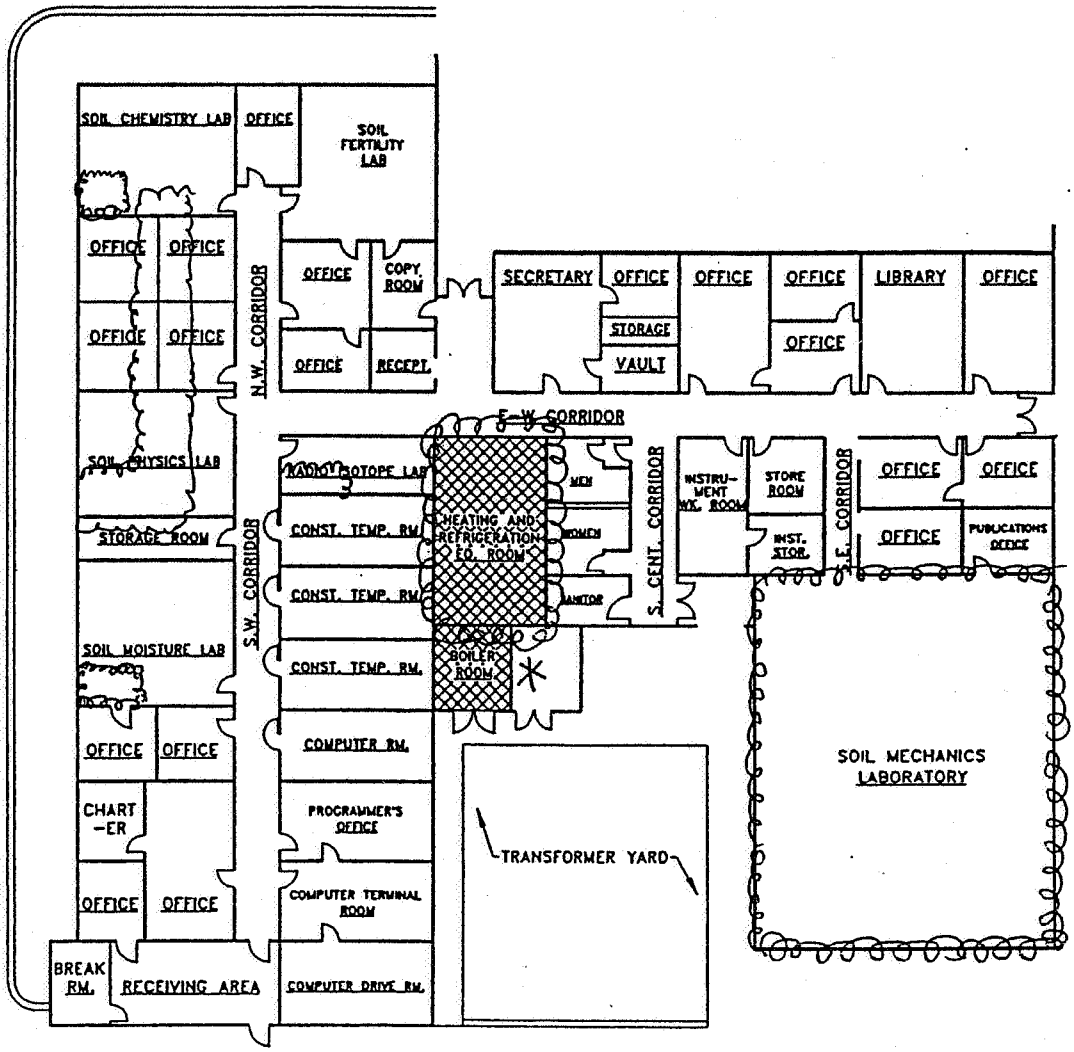
US Water Conservation Laboratory–Building No. 1

Asbestos Abatement Project

Additive Bid Item No. 2

* Decontamination Units

mmm Containment Barriers



x 6

See demolition plans, on drawings, for information on items to be removed within areas here indicated

LEGEND:

HVAC SEAM TAPE AND/OR PIPE INSULATION

NOT TO SCALE

Reviewed: G. Kalfayan, IHIT	Review Date: 02/24/94
Client: Earl Kai Chann & Associates, Ltd.	Prepared: R. Christensen
Western Technologies Inc.	
Job No. 2283JC101	Figure: 3

pe

EPA NESHAP Notification

Asbestos Renovation and/or Demolition Activities in Arizona

FILL IN ALL NUMBERED BLANKS

Operator Project #	Postmark/Hand Delivery	Date Received	Notification/Permit #

1. TYPE OF NOTIFICATION: Original XX; Revision 1 ( ); Rev. 2 ( ); Rev. 3; Rev. 4 ( ); Rev. 5 ( ); Cancel ( )

2. FACILITY INFORMATION (Identify Owner, Removal Contractor, and Demo Contractor/Other Operator)

OWNER NAME: US Department of Agriculture/AG-Research Service

Address: 800 Buchanan St.

City: Albany | State: CA | Zip: 94710

Contact Person: Jack Nelson | Telephone:

REMOVAL CONTRACTOR: Mountain States Pacific, Inc.

Address: P.O. Box 25518

City: Phoenix | State: AZ | Zip: 85002-5518

Contact Person: Rick Betterton | Telephone: 602/252-8288

DEMOLITION CONTRACTOR ( ); or OTHER ( ) specify: N/A

Address:

City: | State: | Zip:

Contact Person: | Telephone:

3. TYPE OF OPERATION: (X) Renovation, ( ) Emergency Renovation, ( ) Demolition, ( ) Ordered Demolition,

4. IS ASBESTOS PRESENT (YES/NO): Yes | Date Facility Surveyed: 5/2/90; 10/29/92; 6/24/93

5. FACILITY DESCRIPTION (Include Building Name, Number and Floor or Room Number)

Building Name: U.S. Water Conservation Laboratory

Address: 4331 E. Broadway Road

City: Phoenix | State: AZ | Zip: 85040

Site Location: same | County: Maricopa

Building Size: 10,000 sf+ | # of Floors: 1 | Age in Years: 20+

Present Use: Laboratory | Prior Use: Laboratory

DATES DON'T M[illegible] UP WITH SCHEDULE SHEET.

6. PROCEDURE, INCLUDING ANALYTICAL METHOD, IF APPROPRIATE, USED TO DETECT THE PRESENCE OF ACM.
Polarized Light Microscopy [PLM] (X), Point Counting ( ), Other please specify _____
Laboratory Name/City Western Tech. Number of Samples 31 Date Analyzed 10/29/93

7. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING: * NOTE: Update notice when amount changes >20% RACM = Regulated Asbestos-Containing Material as defined in 40 CFR 61, Subpart M, §61.141	Amount of RACM to be Removed or Generated*	Amount of Nonfriable ACM To Be Removed CAT I	To Be Removed CAT II	Not To Be Removed CAT I	Not To Be Removed CAT II
Pipes (Linear Ft.)	290				
Surface Area (Square Ft.)	350	515	360		
Volume RACM Off Component (Cubic Ft.)					

8. SCHEDULED DATES ASBESTOS REMOVAL (MM/DD/YY) Start Date*: 12/29/94 Complete Date*: 1/5/95 (Phase I
Days Worked (Circle): M I W T F Sat Sun Hours: 5/2/95 Prep Date: 5/6/95 (Phase I:

9. SCHEDULED DATES FOR D[illegible] *: 7-4 Complete Date*: 12/28/94

START PREP ON 12-28-94 AND ABATEMENT ON 12-29-94 ? 1-DAY PREP WORK?

Indicate With (O) Signed Origir[illegible] [illegible]ich Were Sent Notifications:

Arizona DEQ/AQD ____
Asbestos Coordinator
3033 N. Central Avenue
Phoenix, AZ, 85012
(602) 207-2333/2301

Maricop[illegible]
Asbestc[illegible]
P.O. Bc[illegible]
Phoenix
(602) 5[illegible]

[illegible]EQ ____
[illegible]dinator
[illegible]ess
[illegible]701
[illegible]

Pinal County AQCD____
Asbestos Coordinator
P.O. Box 987
Florence, AZ, 85232
(602) 868-6765

EPA Region IX____
Asbestos Coordinator
75 Hawthorne Street (A-3-3)
San Francisco, CA 94105
(714) 744-1145

NOTE: For work in Maricopa, Pima, or Pinal counties [illegible] [illegible]ncellations to county NESHAP coordinator and copies to ADEQ. For all other counties in Arizona, send originals and subsequent revisions/cancellations to [illegible] [illegible]ation Lands, send originals/revisions/cancellations directly to EPA Region IX. ADEQ: 10/05/94

10. DESCRIPTION OF PLANNED DEMOLITION/RENOVATION WORK:
(X) TSI ( ) Ceiling Texture (X) Duct/Seam Tape ( ) Asbestos-Containing Roof Removal >5580 sq ft w/rotating blade cut
( ) A/C Pipe (X) A/C Siding/Shingles (X) VAT/Mastic
Other please specify: Air Handler Insulation
REMOVAL METHODS: (X) Hand/Non-Mechanical Tools ( ) Mechanical/Power Tools ( ) Mastic Solvents
Other please specify:

11. DESCRIPTION OF WORK PRACTICES AND ENGINEERING CONTROLS TO BE USED TO PREVENT ASBESTOS EMISSIONS:
(X) Adequately wet (X) Full Containment (X) Critical Barriers/Negative Air
(X) Glove-Bag (X) Leak-Tight Wrap (X) 6-Mil Bags
Other please specify:

12. WASTE TRANSPORTER #1: Mountain States Pacific, Inc.

Address: P.O. Box 25518		
City: Phoenix	State: AZ	Zip: 85002-5518
Contact Person: Rick Betterton		Telephone: 602/252-8288

WASTE TRANSPORTER #2: MP Environmental

Address: P.O. Box 2563		
City: Phoenix	State: AZ	Zip: 85002-2563
Contact Person: Steve Mooney		Telephone: 278-6233

13. WASTE DISPOSAL SITE: Butterfield Station Landfill

Location: 40404 S. 99th Ave.		
City: Mobile	State: AZ	Zip: 85239
Contact Person: Michael Keilman		Telephone: 256-0630

14. IF DEMOLITION ORDERED BY A GOVERNMENT AGENCY, PLEASE IDENTIFY THE AGENCY BELOW (Must Attach Copy of Order)

Name:	Title:
Authority:	
Date of Order (MM/DD/YY):	Date Ordered to Begin (MM/DD/YY):

15. FOR EMERGENCY RENOVATIONS

Date and Hour of Emergency (MM/DD/YY - HH:MM):

Description of the Sudden, Unexpected Event:

Explanation of how the event caused unsafe conditions or would cause equipment damage or an unreasonable financial burden:

16. DESCRIPTION OF PROCEDURES TO BE FOLLOWED IN THE EVENT THAT UNEXPECTED ASBESTOS IS FOUND OR PREVIOUSLY NONFRIABLE ASBESTOS MATERIAL BECOMES CRUMBLED, PULVERIZED, OR REDUCED TO POWDER: Stop work, contain area, follow all EPA, OSHA, local & Fed regs

17. I CERTIFY THAT AN AHERA ACCREDITED CONTRACTOR/SUPERVISOR WILL BE ON-SITE DURING ANY DEMOLITION OR RENOVATION WORK THAT WILL DISTURB RACM AND THAT THE TRAINING CERTIFICATE WILL BE POSTED.

Rick Betterton	P.M.	Rick Betterton	12/15/94
(Print Name: Owner/Operator)	(Title)	(Signature of Owner/Operator)	(Date)

18. CERTIFICATION OF INSPECTION BY AN ACCREDITED ASBESTOS BUILDING INSPECTOR PRIOR TO RENOVATION OR DEMOLITION

George Kalfayan			
(Print Name of Inspector)	(Training Provider)	(AHERA Certificate Number)	(Expiration Date)

19. I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT.

Rick Betterton	P.M.	Rick Betterton	12/15/94
(Print Name: Owner/Operator)	(Title)	(Signature of Owner/Operator)	(Date)

RADON DETECTOR

12 at U.S. Water Lab.

IMPORTANT! COMPLETE AND RETURN THIS CARD IMMEDIATELY.

NAME FIRST: RASWIK

LAST: U S WATER LAB

ADDRESS: 4331 E BROADWAY

PHOENIX

STATE: AZ ZIP: 85040

RECORD STARTING DATE OF MONITORING PERIOD: 02 (MO) 08 (DAY) 90 (YEAR)

LOCATION CODE A Basement, B Living Room, C Family Room, D Kitchen, E Bedroom 1, F Bedroom 2, G Bedroom 3, H Bedroom 4, I Crawl Space, J Other LABS

Please indicate location code below corresponding number

[redacted] [redacted] [redacted]

RM 201 RM 125 RM 104

Have you ever used a radon gas detector before?
Yes ☐ No ☒ **If so, what brand?** _____

Where did you first become aware of the Radtrak Radon Gas Detector?
☐ Magazine ☐ Newspaper ☐ Radio ☐ TV ☐ Friend ☐ In-Store Display
☒ Other CATALOG

Where did you purchase your Radtrak Radon Gas Detector?
Name of store LAB SAFETY SUPPLY
☐ Home Center ☐ Hardware ☐ Discount Store ☐ Supermarket
☐ Department Store ☒ Other SAFETY SUPPLY

For what type of dwelling did you purchase the detector?
☐ Home ☐ Condo/Townhouse ☐ Apartment ☒ Business

What is your age? 54

How many people live in your residence? 17
_____ Adults _____ Children (18 years or less)

OFFICE USE ONLY

MO DAY YEAR

1263963 -64 -65

IMPORTANT! COMPLETE AND RETURN THIS CARD IMMEDIATELY

NAME FIRST: RASWIK

LAST: U S WATER LAB

ADDRESS: 4331 E BROADWAY

PHOENIX

STATE: AZ ZIP: 85040

RECORD STARTING DATE OF MONITORING PERIOD: 02 (MO) 08 (DAY) 90 (YEAR)

LOCATION CODE A Basement, B Living Room, C Family Room, D Kitchen, E Bedroom 1, F Bedroom 2, G Bedroom 3, H Bedroom 4, I Crawl Space, J Other LABS OFFI

Please indicate location code below corresponding number

[redacted] [redacted] [redacted]

RM 115 HYDRAULICS BERT

Have you ever used a radon gas detector before?
Yes ☐ No ☒ **If so, what brand?** _____

Where did you first become aware of the Radtrak Radon Gas Detector?
☐ Magazine ☐ Newspaper ☐ Radio ☐ TV ☐ Friend ☐ In-Store Dis
☒ Other CATALOG

Where did you purchase your Radtrak Radon Gas Detector?
Name of store LAB SAFETY SUPPLY
☐ Home Center ☐ Hardware ☐ Discount Store ☐ Supermarket
☐ Department Store ☒ Other SAFETY SUPPLY

For what type of dwelling did you purchase the detector?
☐ Home ☐ Condo/Townhouse ☐ Apartment ☒ Business

What is your age? 54

How many people live in your residence? 18
_____ Adults _____ Children (18 years or less)

OFFICE USE ONLY

MO DAY YEAR

1637930 -31 -32

IMPORTANT! COMPLETE AND RETURN THIS CARD IMMEDIATELY.

NAME FIRST: RASWICK

LAST: US WATER LAB

ADDRESS: 4331 E. BROADWAY

PHOENIX

STATE: AZ ZIP: 85040

RECORD STARTING DATE OF MONITORING PERIOD: MO 02 DAY 08 YEAR 90

LOCATION CODE
A Basement
B Living Room
C Family Room
D Kitchen
E Bedroom 1
F Bedroom 2
G Bedroom 3
H Bedroom 4
I Crawl Space
(J) Other LABS OFFICE

Please indicate location code below corresponding number

[redacted] [redacted] [redacted]

BLD 8 SEED HOUSE LYS. LAB

Have you ever used a radon gas detector before?
Yes ☐ No ☒ If so, what brand? _____

Where did you first become aware of the Radtrak Radon Gas Detector?
☐ Magazine ☐ Newspaper ☐ Radio ☐ TV ☐ Friend ☐ In-Store Display
☒ Other CATALOG

Where did you purchase your Radtrak Radon Gas Detector?
Name of store LAB SAFETY SUPPLY
☐ Home Center ☐ Hardware ☐ Discount Store ☐ Supermarket
☐ Department Store ☒ Other SAFETY SUPPLY

For what type of dwelling did you purchase the detector?
☐ Home ☐ Condo/Townhouse ☐ Apartment ☒ Business

What is your age? 57

How many people live in your residence? 7
_____ Adults _____ Children (18 years or less)

OFFICE USE ONLY

MO DAY YEAR

1637973 -74 -75

IMPORTANT! COMPLETE AND RETURN THIS CARD IMMEDIATEL

NAME FIRST: RASWICK

LAST: US WATER LAB

ADDRESS: 4331 E BROADWAY

PHOENIX

STATE: AZ ZIP: 85040

RECORD STARTING DATE OF MONITORING PERIOD: MO 02 DAY 08 YEAR 90

LOCATION CODE
A Basement
B Living Room
C Family Room
D Kitchen
E Bedroom 1
F Bedroom 2
G Bedroom 3
H Bedroom 4
I Crawl Space
(J) Other OFFIC

Please indicate location code below corresponding number

[redacted] [redacted] [redacted]

RM 602 SHOP RM 214

Have you ever used a radon gas detector before?
Yes ☐ No ☒ If so, what brand? _____

Where did you first become aware of the Radtrak Radon Gas Detector?
☐ Magazine ☐ Newspaper ☐ Radio ☐ TV ☐ Friend ☐ In-Store Dis
☒ Other CATALOG

Where did you purchase your Radtrak Radon Gas Detector?
Name of store LAB SAFETY SUPPLY
☐ Home Center ☐ Hardware ☐ Discount Store ☐ Supermarket
☐ Department Store ☒ Other SAFETY SUPPLY

For what type of dwelling did you purchase the detector?
☐ Home ☐ Condo/Townhouse ☐ Apartment ☒ Business

What is your age? 57

How many people live in your residence? 12
_____ Adults _____ Children (18 years or less)

OFFICE USE ONLY

MO DAY YEAR

1637933 -34 -35

[redacted] [redacted]

APPENDIX E

ALL LANDS REGULATORY DATABASE (ASTM) SEARCH

ALL LANDS

14947 W. Piccadilly Road, Goodyear, AZ 85338
(623) 535-7800 Fax (623) 535-7900

REGULATORY DATABASE (ASTM) SEARCH

YOUR FILE NO: 03-190.01

ALLANDS FILE NO: 2003-1246D

DATE: October 16, 2003

ALL LANDS hereby reports the search results of Federal and State Databases according to ASTM standards for Phase I Environmental Site Assessments E 1527-00. This is a confidential, privileged and protected document for the use of ITSI. All Lands is not responsible for errors in the available records. The total liability is limited to the fee paid for this report.

1. The land referred to in this report is located in Maricopa County, Arizona, described as follows:

Property located at 4135 & 4331 East Broadway Road, Phoenix, Arizona, being in the Northwest quarter of Section 30, Township 1 North, Range 4 East, Gila and Salt River Base and Meridian.

SUMMARY

FEDERAL & STATE ENVIRONMENTAL RECORDS

RECORDS (miles)	<=0.125	0.125 - 0.25	0.25 - 0.5	0.5 - 1.0
NPL	0	0	0	0
WQARF	0	0	0	0
RCRA COMPLIANCE	2	1	2	13
RCRA CORRACTS TSD	0	0	0	1
RCRA TSD FACILITIES	0	0	0	-
LANDFILLS	0	0	0	-
CERCLIS / NFRAP	1	0	1	-
AZ SUPERFUND	1	0	0	-
LUST	2	3	6	-
RCRA GENERATORS	14	-	-	-
UST	5	-	-	-
ERNS	2	-	-	-
HAZ. MAT. INCIDENTS	7	-	-	-

OTHER ENVIRONMENTAL RECORDS

RECORDS (miles)	<=0.125	0.125 - 0.25	0.25 - 0.5	0.5 - 1.0
SARA	5	-	-	-
Dry well	28	-	-	-
Environmental Permits	0	-	-	-
RADON	see text			
FIRE INSURANCE	see text			
TOPOGRAPHIC DATA	see text			
ADWR Well Report	see text			

DEFINITIONS:

ADEQ	Arizona Department of Environmental Quality
ADWR	Arizona Department of Water Resources
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
CERCLIS	Federal CERCLA List
CORRACTS	TSD Facilities subject to Corrective Action under RCRA
EPA	US Environmental Protection Agency, Region IX
ERNS	Emergency Response Notification System
LUST	Leaking Underground Storage Tank
NFRAP	CERCLA Site which has no further remedial action planned
NPL	National Priority List (Superfund)
RADIUS	by definition includes subject property measured from exterior boundaries
RBCA	Risk Base Corrective Action
RCRA	Resource Conservation and Recovery Act
SARA	Superfund Amendment and Reauthorization Act
TSD	Treatment, Storage, Disposal Facility
UST	Underground Storage Tank
WQARF	Water Quality Assurance Revolving Fund

SUPERFUND NATIONAL PRIORITIES LIST (NPL)

Under Section 105 of the Comprehensive Environmental Response, Compensation and Liability Act the Environmental Protection Agency established a National Priorities List (NPL) of Superfund sites. Inclusion on the NPL reflects a significant risk to public health and the environment and indicates a Federal Priority to remediate the site. This database is provided by the Arizona Department of Environmental Quality, dated July, 2003, and searched to identify all NPL sites within a 1.0 mile search radius of subject property.

No National Priorities List (NPL) Sites were found located within a 1.0 mile search radius of subject property.

WATER QUALITY ASSURANCE REVOLVING FUND (WQARF)

The state of Arizona established a remedial program under A.R.S. 49-282 to facilitate the conservation and clean-up of Arizona drinking water and water sources. Under the authority of the WQARF program, the state actively identifies any actual or potential impact upon state waters, evaluates the extent of contamination, identifies parties responsible, and provides money grants to assist in clean-up activities. This database is provided by the Arizona Department of Environmental Quality dated July, 2003, and searched to identify all WQARF sites within a 1.0 mile search radius of subject property.

No WQARF Registry List sites were found located within a 1.0 mile search radius of subject property.

RESOURCE CONSERVATION AND RECOVERY ACT (RCRA) COMPLIANCE FACILITIES

The RCRA Compliance Log lists facilities that have been or presently are under investigation for non-compliance with RCRA regulations. Inclusion of any facility on this list indicates a history of compliance problems and RCRA regulatory violation. This database is from the Arizona Department of Environmental Quality RCRA Compliance Log, dated July, 2003, and searched for compliance facilities within a 1.0 mile search radius of subject property.

ID	EPA ID	FACILITY	ADDRESS	STATUS	DISTANCE/ DIRECTION
	AZD982356792	FTI Flow Technology	4250 E Broadway Rd	OPEN	0.1 mi. North
	AZD982503948	Triumph Air Repair I	4010 S 43rd Pl	OPEN	0.1 mi. North
	AZR000041764	Central Garden And P	4424 S 38th Pl	OPEN	0.2 mi. West
	AZD982429698	Law Engineering Inc	4634 S 36th Pl	OPEN	0.5 mi. SW
2115	AZS000030585	Stone Creek Furniture	4221 E Raymond	OPEN	0.4 mi. North
	AZR000004168	Futureweld Co Inc	5414 S 40th St	OPEN	0.6 mi. SW
2178	AZD000030577	Southern Truck Equipment	4102 E Elwood	Closed	0.6 mi. North
	AZD982524621	IDF Inc	4841 S 36th St	OPEN	0.7 mi. SW
	AZD982486169	Metco Metal Finishing	3508 E Corona St	OPEN	0.7 mi. West
	AZD983481730	Cesar Color Inc	3433 E Wood St	OPEN	0.8 mi. West
	AZD982343543	Coates ASI Inc	4607 S 35th St	OPEN	0.8 mi. West
2036	AZD983478421	Delong Diesel	3415 S 36th St	OPEN	0.8 mi. NW
	AZR000039339	Ecology Control Indus	3641 E Superior Ave	OPEN	0.8 mi. NW
	AZD063274609	Sanmina Corporation	3502 E Roeser Rd	OPEN	0.8 mi. SW
	AZD982501645	Westech Systems Inc	3502 E Atlanta Ave	OPEN	0.8 mi. SW
2249	AZR000003145	A A A Landscape	3747 E Southern Ave	OPEN	1.0 mi. SW
1866	AZD983477571	Brown Metallurgical Lab	4204 E University Dr	OPEN	1.0 mi. North
2191	AZD089308803	Safety Kleen / Phoenix	4401 E University	OPEN	1.0 mi. NE

CORRACTS TSD FACILITIES

Under RCRA the Environmental Protection Agency compiles a database of facilities that are involved in the transportation, treatment, storage, or disposal of hazardous materials. This database is from the Arizona Department of Environmental Quality RCRA Log dated July, 2003, and checked for Federal RCRA CORRACTS TSD Facilities which occurred within a 1.0 mile search radius of subject property.

EPA ID	FACILTY	ADDRESS	DISTANCE/ DIRECTION
AZD089308803	Safety Kleen Corp	4401 E University	1.0 mi. Northeast

TSD FACILITIES

Under RCRA the Environmental Protection Agency compiles a database of facilities that are involved in the transportation, treatment, storage, or disposal of hazardous materials. Inclusion on the TSD Facilities list does not exclude being on the CORRACTS Facility List. This database is from the Arizona Department of Environmental Quality RCRA TSD Facilities, dated July, 2003, and checked for Federal TSD Facilities which occurred within a 0.5 mile search radius of subject property.

No Federal RCRA TSD Facilities were found which occurred within a 0.5 mile search radius of subject property.

TSD TYPE(S):
L = LAND DISPOSAL
I = INCINERATION
B = BOILERS AND INDUSTRIAL FURNACES
S = STORAGE AND TREATMENT

LANDFILLS

The state of Arizona maintains listings of closed and permitted, operating landfills and solid waste dump sites. Lists of closed facilities are not necessarily complete - older dumping areas may not be documented. This database is from the Arizona Department of Environmental Quality Waste Programs Division; Solid Waste Section Directory of Arizona Active and Inactive Landfills dated May, 1999, and checked for active and inactive landfills located within a 0.5 mile search radius of subject property.

No active nor inactive landfills were found located within a 0.5 mile search radius of subject site.

Codes:

CSWLF:	Closed Solid Waste Landfills
CSWOD:	Closed Solid Waste Dumps

FEDERAL CERCLIS / NFRAP LIST

The CERCLIS list contains sites which are either proposed to or on the NPL and sites which are in the screening and assessment phase for possible inclusion on the NPL. Those sites on the NFRAP list have no further remediation action planned. This database is provided by EPA dated July, 2003, and searched for facilities within a 0.5 mile search radius of subject property.

EPA ID	NFRAP	FACILITY	ADDRESS	DISTANCE/ DIRECTION
AZD982415788	X	Arizona Barrel 7 Can	4225 E Broadway	0.1 mi. North
AZD098036882		Motorola Inc Raymond St Plt	4121 E Raymond St	0.5 mi. North

ARIZONA SUPERFUND PROGRAM LIST

The Arizona Superfund Program List replaces the Arizona CERCLIS Information Data System (ACIDS) This list is more representative of the sites and potential sites within jurisdiction of the Arizona Department of Environmental Quality Superfund Programs Section (SPS). This database is provided by the Arizona Department of Environmental Quality, dated March, 2003, and searched to identify all sites within a 0.5 mile search radius of subject property.

SITE	PROGRAM	PROGRAM STATUS	PROGRAM DATE	DISTANCE/ DIRECTION
Raymond Street / Raymond Street Area	WQARF	PENDING PI	04-29-97	Area

Program Status codes:

Pending PI	WQARF Preliminary Investigation (PI) is scheduled or in process
NFIA	PI has resulted in a no further investigation or action determination
On Registry	PI has resulted in inclusion of a site on the WQARF Registry
Referred	case has been transferred to another ADEQ program
ACTIVE	The Department of Defense is presently addressing the site
On NPL	site has been listed on the CERCLA National Priorities List

REGISTERED LEAKING UNDERGROUND STORAGE TANKS (LUST)

Owners of USTs are required to report to the Arizona Department of Environmental Quality any and all releases of tank contents for which ADEQ maintains an ongoing file documenting the nature of contamination and the status of each such incident. This database is from the ADEQ LUST Log dated February, 2003, and searched for LUST sites located within a 0.5 mile search radius of subject property.

ID	LUST ID NO	FACILITY	ADDRESS	DATE OPEN	DATE CLOSED	P CODE	DIST./ DIREC.
0-001383	2881.01	Circle K # 1216	3955 E Broadway	6/22/1993	12/12/1995	5R1	0.1 mi. W
0-005398	1839.01	Cotton Research Center	4201 E Broadway	6/25/1991	8/16/1995	6	0.1 mi. S
0-001363	3200.01	Circle K # 1100	4646 S 40th St	11/23/1993	4/28/1997	5R1	0.2 mi. SW
0-001537	0751.01 3210.01	Circle K/Polar Beverage	3910 E Wier	11/9/1988 11/22/1993	OPEN 12/16/1994	2 6	0.2 mi. SW
0-006751	0592.01	Kiewit Companies	3888 E Broadway Rd	12/8/1988	OPEN	3	0.2 mi. W
0-002816	0863.01 0863.02 0863.03 0863.04 0863.05 0863.06 0863.07	Kalil Bottling Co	4045 S 38th St	9/1/1989 3/6/1996 5/21/1996 5/21/1996 5/21/1996 5/21/1996 5/21/1996	4/4/1990 OPEN OPEN OPEN OPEN OPEN OPEN	5S 3 4R1 3 3 1D 3	0.4 mi. NW
0-003316	1615.01	Motorola Inc Raymond St	4121 E Raymond St	1/18/1991	8/3/1999	6	0.4 mi. N
0-003686	1998.01	Pepsi-Cola Bottling Company	4242 E Raymond St	10/15/1991	OPEN	2	0.4 mi. N
0-004407	3541.01	Sea Ray Boats Inc	4140 E Raymond St	5/28/1994	5/23/1996	5R1	0.4 mi. N
0-001617	1212.01	W J Collum Roofing Co Inc	3928 E Anne St	3/27/1990	9/22/1999	5R1	0.5 mi. NW
0-002999	1056.01	Abco Markets Inc / American Prop.	4031 S 37th St	1/11/1990	3/13/1997	5G1	0.5 mi. NW

P CODE (Leaking UST Priority):

1D	Defined soil & GW requires remediation (levels exceed standards for one or more media)
2	Undefined soil contamination (default for newly reported LUSTs)
3	Defined soil requires remediation
4G1	Potential closure, defined soil/GW levels meet RBCA Tier 1, unsatisfied administrative requirements
5G1	Closed soil/GW levels meet RBCA Tier I
5R1	Closed soil levels meet RBCA
5S	Closed case for suspected release (false alarm)
6	Incident/tank was determined not to be UST jurisdiction and referred to another program

RESOURCE CONSERVATION AND RECOVERY ACT FACILITIES (RCRA)

Under RCRA the Environmental Protection Agency compiles a database of facilities that are involved in the generation of hazardous materials. This database is from the Arizona Department of Environmental Quality Alternative RCRA Information for States (ARIS) Notification List, dated July, 2003, and checked for facilities located within a <=0.125 mile search radius of subject property.

EPA ID	FACILTY	ADDRESS	NOTIF. DATE	STATUS
AZD982402596	American Chem Tech Inc	4028 E Broadway Rd	3/31/1991	DAG
AZD981678592	Gestetner Corp	4100 E Broadway	3/31/1991	SQG
AZ8123490023	Usda Aphis Ppq Md / Methods Lab	4125 E Broadway	7/17/2001	DAG
AZ5120590042	Usda Ars Western Cotton Research Lab	4135 E Broadway Rd	5/30/2000	CEG
AZD981634967	United Rentals Highway Tech Inc / Sunline Markings	4200 E Broadway Rd	2/19/2003	CEG
AZD982356792	Fti / Flow Technology Inc	4250 E Broadway Rd	3/31/1991	SQG
AZD081707325	Asm America	4302 E Broadway	6/17/1998	DAG
AZ5142390041	Usda Water Conservation Lab	4331 E Broadway	5/30/2000	CEG
AZD981411119	Ccl Label Phoenix / Graphic Resources Inc	4110 E Wood St	4/9/1999	DAG
AZD056900293	Arizona Agrochemical Co	4130 E Wood St	3/31/1991	DAG / DAT
AZD020700340	White Microelectronics	4246 E Wood St	3/31/1991	DAG
AZD009010562	Naumann Material Handling Inc	4336 S 43rd Pl	3/31/1991	SQG
AZD982503948	Triumph Air Repair Inc	4010 S 43rd Pl	3/31/1991	LQG
AZR000006510	Meadow Valley Hot Plant	4411 S 40th St	5/9/97	OIL

CODES:

LQG: Large quantity generator (more than 1000 kg per month)
SQG: Small quantity generator (100 – 1000 kg per month)
CEG: Conditionally exempt small quantity generator (less than 100 kg per month)
OIL : Used oil activity
DAG: Deactivated generator
TRN: Transporter of hazardous waste
DAT: Deactivated transporter of hazardous waste
BBL: Burner / Blender

REGISTERED UNDERGROUND STORAGE TANKS (UST)

State (A.R.S. 49-1001 to 1014) and Federal (RCRA Subtitle I) laws require that persons who own or have owned underground storage tanks containing "regulated substances" complete a notification form and register the tank with the state. This database is from the Arizona Department of Environmental Quality UST Log dated February, 2003, and searched for UST sites located within a <=0.125 mile search radius of subject property.

ID	FACILITY	ADDRESS
0-004851	Tanner Companies	4302 S 40th St
0-005668	Triumph Air Repair	4010 S 43rd Pl
0-002163	Foodmaker Inc	4239 S 43rd Pl
0-002582	Naumann Material Handling Inc	4336 S 43rd Pl
0-003991	Ionics Pure Solutions/M Caldwell	4101 E Wood St

DETAILS

Facility Id Facility Owner Id Owner
Tank No. Status Content Capacity Age Tank Material
Tank Release Detection Pipe Material Piping Type Pipe Release Detection

0-004851 *Tanner Companies* 3411 Tanner Companies
4302 S 40th St ,Phoenix AZ 85034 <85034>
1 REMV Gasoline 2000 Bare Steel
2 REMV Diesel 10000 Bare Steel

0-005668 *Triumph Air Repair* 4233 Triumph Air Repair
4010 S 43rd Pl ,Phoenix AZ 85040 <85040>
1 ACTV 3000 Vapor Monitoring Fiberglass Reinforced Plastic Line Tightness Testing

0-002163 *Foodmaker Inc* 1419 Foodmaker Inc
4239 S 43rd Pl ,Phoenix AZ 85040 <85040>
1 REMV Gasoline 6000 Bare Steel
2 REMV Diesel 10000 Bare Steel

0-002582 *Naumann Material Handling Inc* 2449 Naumann Material Handling Inc
4336 S 43rd Pl ,Phoenix AZ 85040 <85040>
1 REMV Used Oil 400 Galvanized Steel
2 REMV Diesel 2000 Galvanized Steel
3 REMV Gasoline 3000 Galvanized Steel
4 REMV Gasoline 3000 Galvanized Steel

0-003991 *Ionics Pure Solutions/M Caldwell* 2756 Ionics Pure Solutions
4101 E Wood St ,Phoenix AZ 85040 <85040>
1 REMV Gasoline 10000 Bare Steel Pressure
2 ACTV 7700
3 ACTV 7700

FEDERAL EMERGENCY RESPONSE NOTIFICATION SYSTEM (ERNS) LIST

The ERNS list is a national database used to collect information on reported releases of oil and hazardous substances. This database is provided by EPA through the Right of Know Net by OMB Watch and Unison Institute from 1983 to July, 2003, and checked for incidents located within a <=0.125 mile search radius of subject property.

ID	DATE	LOCATION	MATERIAL	QUANTITY	UNITS	DETAILS
326512	4/29/1993	4001 E Broadway Ste 11	Medical Waste	50	LBS	Medical Treatment Facility No Release
440253	3/10/1995	4101 E Wood St	Hydrochloric Acid (33%)	3000	GAL	Broke During Off Loading Of Product. Contained By Diking Cause Was Due To Severe Corroding Of The Flang Valve Itself.

HAZARDOUS MATERIAL INCIDENTS

The Arizona Department of Environmental Quality (ADEQ) Response Team documents spills and incidents involving hazardous materials that are reported to the unit. This database is from the Arizona Department of Environmental Quality Emergency Response Log from 1984 through June, 2001, and checked for hazardous material incidents located within a <=0.125 mile search radius of subject property.

ID	DATE	FACILITY	ADDRESS	DETAILS
85-065	5/14/1985	Asm America	4135 Wood St	Unk/Silane
85-081	6/27/1985	Space Age Delivery Service	4032 E Broadway	30.3 Lbs/Sulfuric Acid
88-382	12/12/1988	Laidlaw Waste Systems	40th St & Broadway	Unk/Unk Red Liquid
89-133	5/9/1989	Pure Solutions	4401 E Wood St	1000 Gal/Hydrogen Chloride
91-083-B	8/6/1991	Unknown	40th St & Broadway	Unknown Green Liquid/Unknown
93-018-A	4/29/1993	Hmss, Inc	4001 E Broadway , Sta. 11	Medical Waste/Dumpster
95-002-E	3/10/1995	Pure Solutions, Inc.	4101 E Wood St	Ast Hydrocholoric Acis (33%)

OTHER ENVIRONMENTAL RECORDS

SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT (SARA) TITLE III EXTREMELY HAZARDOUS SUBSTANCES SITES

Under the Community Right-To-Know portion of SARA, facilities which must prepare, or have available, material safety data sheets (MSDS) and must submit either copies of the MSDS or a list of the chemicals to the State Emergency Response Commission. This Database is from the SARA Title III List dated July, 2003, and searched to identify all SARA sites within a <=0.125 mile search radius of subject property.

EPA ID	FACILITY	ADDRESS	DISTANCE/ DIRECTION
	Naumann Hobbs Matl. Handling	4336 - 4015 S 43rd Pl	0.1 mi. North
	Triumph Air Repair	4010 S 43rd Place	0.1 mi. Northwest
	Ionics Pure Solutions	4101 E Wood St	0.1 mi. North
	White Microelectronics	4346 E Wood St	0.1 m. Northeast
	Asm America / Broadway	4302 E Broadway	0.1 mi. North

ADEQ DRY WELL REGISTRATION DATA BASE

Dry wells are constructed for the purpose of collecting storm waters. Dry wells are required to be registered with ADEQ. This database is from the ADEQ dry well registration database dated July, 2003, and searched for dry wells located within a <=0.125 mile search radius of subject property.

FACILITY	ADDRESS	BEG REG #	END REG #	TOTAL WELLS
Broadway Tech Center	3906 - 3908 E Broadway Rd	22710	22713	4
Burger King #5241	4002 E. Broadway Rd.	15845		1
4100 East Broadway	4100 East Broadway	15146	15149	4
Asm America Building	4302-4310 E Broadway	18143	18145	03
Cc&F Building M-7	4110 East Wood Street	3306	3308	3
A Vacant Office/Warehouse Fac (Mult	4118 East Wood Street	7320	7322	3
Fluoresco Lighting	4235 E Wood St	23856	23857	2
43rd Place	4213 S. 43rd Place	15662		1
Cc&F Building M-12	4010 South 43rd Place	3309	3311	3
Industrial Building	4209-11 South 43rd Place	9414	9415	2
Naumann/Hobbs Material Handling, Inc	4336 South 43rd Place	9930		1
Tanner Construction Division Design	4302 South 40th Street	1318		1

ARIZONA RADIATION REGULATORY AGENCY
HOME RADON SURVEY

The Arizona Radiation Regulatory Agency, in cooperation with the EPA, initiated a program to measure radon concentrations with the primary goal of determining the statewide distribution of radon and identify areas of potentially high concentrations. This database is from the ARRA Home Radon Survey revised June 16, 1993, for the subject property zipcode.

ZIPCODE	HIGH VALUE in picoCuries/liter	NO. OF TESTS	TESTS <4.0 pCi/L	TESTS at 4.0+ pCi/L
85040	4.5	6	5	1

ENVIRONMENTAL PERMITS

These lists include Groundwater Permits, Reuse Permits; National Pollutant Discharge Elimination System (NPDES) Permitted Facilities and Aquifer Protection Permits. Any facility which discharges a material that directly or indirectly adds any pollutant to the waters of the state may be required to obtain a permit as required by the Aquifer Protection Permit Rules. These databases are from the Arizona Department of Environmental Quality and the Environmental Protection Agency and updated to May, 2001, and checked for inclusion of subject property.

Subject property was not found on these lists.

FIRE INSURANCE MAPS

A review was made at the Arizona State Capital Archives for Fire Insurance Maps, more commonly known as Sanborn Maps, which covered the area in which the subject property is located. Subject property is not located within the boundaries of available maps.

USGS 7.5 MINUTE TOPOGRAPHICAL MAPS

The United States Geological Survey Topographic maps are derived from Terrain Navigator Software from Maptech, Inc. (www.maptech.com) and are for informational purposes only.

MAP NAME	CONTOUR INTERVAL	YEAR ISSUED / REVISED DATE
Tempe, AZ	10 feet	1952 /1982

ARIZONA DEPARTMENT OF WATER RESOURCES
WELL REPORT

This database is from the Arizona Department of Water Resources Well Report Operations Division Report, dated November, 2002. This report identifies existing wells sequenced by legal description and checked for inclusion of subject site and adjacent properties within 10 Acres.

Water Uses (WU)

A	Irrigation
B	Utility (Water Co.)
C	Commercial
D	Domestic
E	Municipal
F	Industrial
G	Recreational
H	Subdivision
I	Mining
J	Stock
K	Other - Exploration
L	Drainage
M	Monitoring
N	None
O	Other - Non-Production
R	Recharge
T	Test
V	dewatering

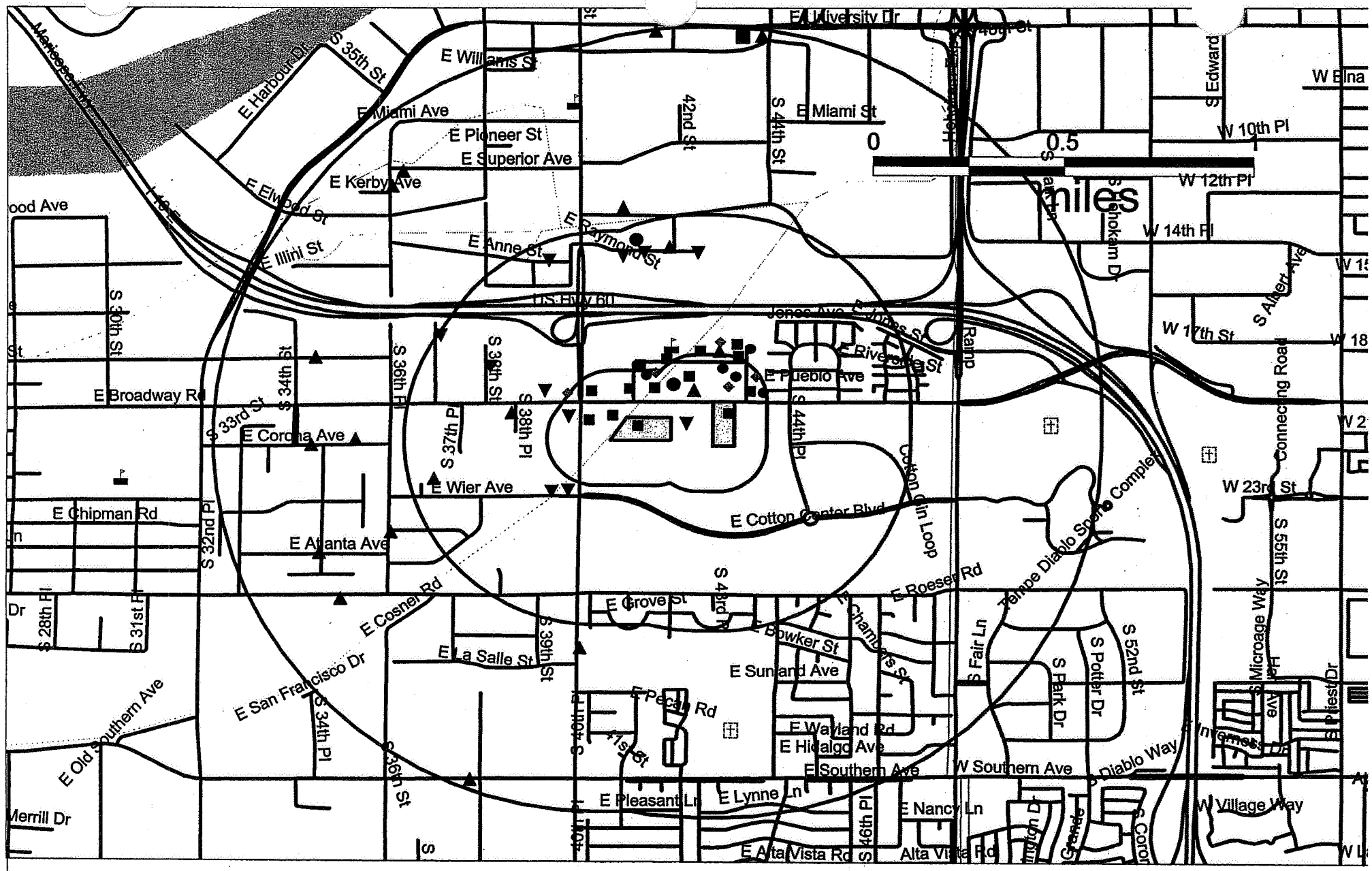
Legal Description

T	Township
N/S	North or South
R	Range
E/W	East or West
S	Section
Q1	Quarter of Section (160 Acres)
Q2	Quarter Quarter of Section (40 Acres)
Q3	Quarter Quarter Quarter of Section (10 acres)
ID	Well Registration Number
WD	Well Depth
WL	Water Level
DIA	Casing width

ID	T	N/S	R	E/W	S	Q1	Q2	Q3	WU	WD	WL	DIA	NAME
529798	1	N	3	E	24	SE	SE	SE	M	90	90	0	Beranek, Charles,J
577536	1	N	3	E	24	SE	SE	SE	M	86	66	4	Micor Energy Llc
577535	1	N	3	E	24	SE	SE	SE	M	0	0	0	Micor Energy Llc
577534	1	N	3	E	24	SE	SE	SE	M	0	0	0	Micor Energy Llc
577533	1	N	3	E	24	SE	SE	SE	M	86	41	4	Micor Energy Llc
577532	1	N	3	E	24	SE	SE	SE	M	86	41	4	Micor Energy Llc
576894	1	N	3	E	24	SE	SE	SE	T	0	0	0	Micor Energy Llc
576893	1	N	3	E	24	SE	SE	SE	T	0	0	0	Micor Energy Llc
529985	1	N	3	E	24	SE	SE	SE	N	90	90	0	Beranek, Charles,J
529797	1	N	3	E	24	SE	SE	SE	M	90	90	0	Beranek, Charles,J
576892	1	N	3	E	24	SE	SE	SE	T	0	0	0	Micor Energy Llc
639512	1	N	3	E	25				D	300	63	6	Sorenson,G
548682	1	N	3	E	25	NE	NE	NE	M	0	0	0	Circle K Corp,
547199	1	N	3	E	25	NE	NE	NE	M	80	45	4	Circle K Corp #1216,
547198	1	N	3	E	25	NE	NE	NE	M	80	44	4	Circle K Corp #1216,
548683	1	N	3	E	25	NE	NE	NE	M	0	0	0	Circle K Corp,
547197	1	N	3	E	25	NE	NE	NE	M	80	42	4	Circle K Corp #1216,
547196	1	N	3	E	25	NE	NE	NE	M	0	0	0	Circle K Corp #1216,
547195	1	N	3	E	25	NE	NE	NE	M	0	0	0	Circle K Corp #1216,
548684	1	N	3	E	25	NE	NE	NE	M	0	0	0	Circle K Corp,

ARIZONA DEPARTMENT OF WATER RESOURCES
WELL REPORT (cont.)

ID	T	N/S	R	E/W	S	Q1	Q2	Q3	WU	WD	WL	DIA	NAME
528052	1	N	3	E	25	NE	NE	SE	M	110	50	4	Sparkle Ice Co,
548734	1	N	3	E	25	NE	NE	SE	M	70	40	4	Westinghouse Electric Cor
548735	1	N	3	E	25	NE	NE	SE	M	70	40	4	Westinghouse,
543501	1	N	3	E	25	NE	NE	SE	M	80	42	4	Circle K Corp
528051	1	N	3	E	25	NE	NE	SE	M	80	50	4	Sparkle Ice Co,
548736	1	N	3	E	25	NE	NE	SE	M	70	40	4	Westinghouse,
543502	1	N	3	E	25	NE	NE	SE	M	80	42	4	Circle K Corp
543500	1	N	3	E	25	NE	NE	SE	M	66	42	1	Circle K Corp
528053	1	N	3	E	25	NE	NE	SE	M	80	50	4	Sparkle Ice Co,
528056	1	N	3	E	25	NE	NE	SE	M	0	0	0	Sparkle Ice Co,
528054	1	N	3	E	25	NE	NE	SE	M	0	0	0	Sparkle Ice Co,
528055	1	N	3	E	25	NE	NE	SE	M	0	0	0	Sparkle Ice Co,
543504	1	N	3	E	25	NE	NE	SE	M	0	0	0	Circle K Corp
543503	1	N	3	E	25	NE	NE	SE	M	0	0	0	Circle K Corp
643715	1	N	4	E	30				D	0	0	0	Daily,K A
618699	1	N	4	E	30	NE	NW	NW	D	125	90	8	Az Board Of Regents,
535063	1	N	4	E	30	NW	NE	NE	M	20	0	9	University Of Az,
535062	1	N	4	E	30	NW	NE	NE	M	50	0	9	University Of Az,
535064	1	N	4	E	30	NW	NE	NE	M	55	0	9	University Of Az,
535065	1	N	4	E	30	NW	NE	NE	M	40	0	9	University Of Az,
535066	1	N	4	E	30	NW	NE	NE	M	0	0	0	University Of Az,
618698	1	N	4	E	30	NW	NW		D	125	90	8	Az Board Of Regents,
566365	1	N	4	E	30	NW	NW	NE	N	0	0	0	University Of Arizona
566366	1	N	4	E	30	NW	NW	NE	N	55	48	0	University Of Arizona
567786	1	N	4	E	30	NW	NW	NE	N	0	0	0	University Of Arizona
567881	1	N	4	E	30	NW	NW	NE	N	65	45	0	University Of Arizona


E University Dr
E Williams St
E Harbour Dr
S 35th St
E Miami Ave
E Pioneer St
E Superior Ave
E Kerby Ave
E Elwood St
E Illini St
E Anne St
E Raymond St
42nd St
S 44th St
E Miami St
0
0.5
1
Miles
W 10th Pl
W 12th Pl
W 14th Pl
W 17th St
W 23rd St
S Edward
W Elna
S Shokam Dr
S Albert Ave
Connecting Road
U.S. Hwy 60
Jones Ave
E Jones St
E Riverside St
E Pueblo Ave
Ramp
E Broadway Rd
S 30th St
S 34th St
S 33rd St
S 36th Pl
S 38th St
S 38th Pl
S 37th Pl
S 44th Pl
E Corona Ave
E Wier Ave
E Cotton Center Blvd
Cotton Gin Loop
Tempe Diablo Sports Complex
E Chipman Rd
E Atlanta Ave
S 32nd Pl
E Cosner Rd
E Roeser Rd
E Grove St
S 43rd Pl
E Bowker St
E Chambers St
S Fair Ln
S Park Dr
S Potter Dr
S 52nd St
S 55th St
S Microage Way
S Priest Dr
S 28th Pl
S 31st Pl
E La Salle St
S 39th St
E Sunland Ave
E San Francisco Dr
S 34th Pl
E Pecan Rd
S 40th Pl
1st St
E Wayland Rd
E Hidalgo Ave
E Southern Ave
W Southern Ave
Diablo Way
Innovation Dr
E Old Southern Ave
S 36th St
E Pleasant Ln
E Lynne Ln
E Nancy Ln
S 46th Pl
W Village Way
Merrill Dr
E Alta Vista Rd
Alta Vista Rd
N
W
E
S
LEGEND
USTs
CERCLA / NFRAP
SARA
LANDFILLS
SITE
RCRA
(Generators. TSD & CORRACTS TSD)
LUSTs
RCRA COMPLIANCE
* MULTIPLE FACILITIES

County Parcels

PARCELS

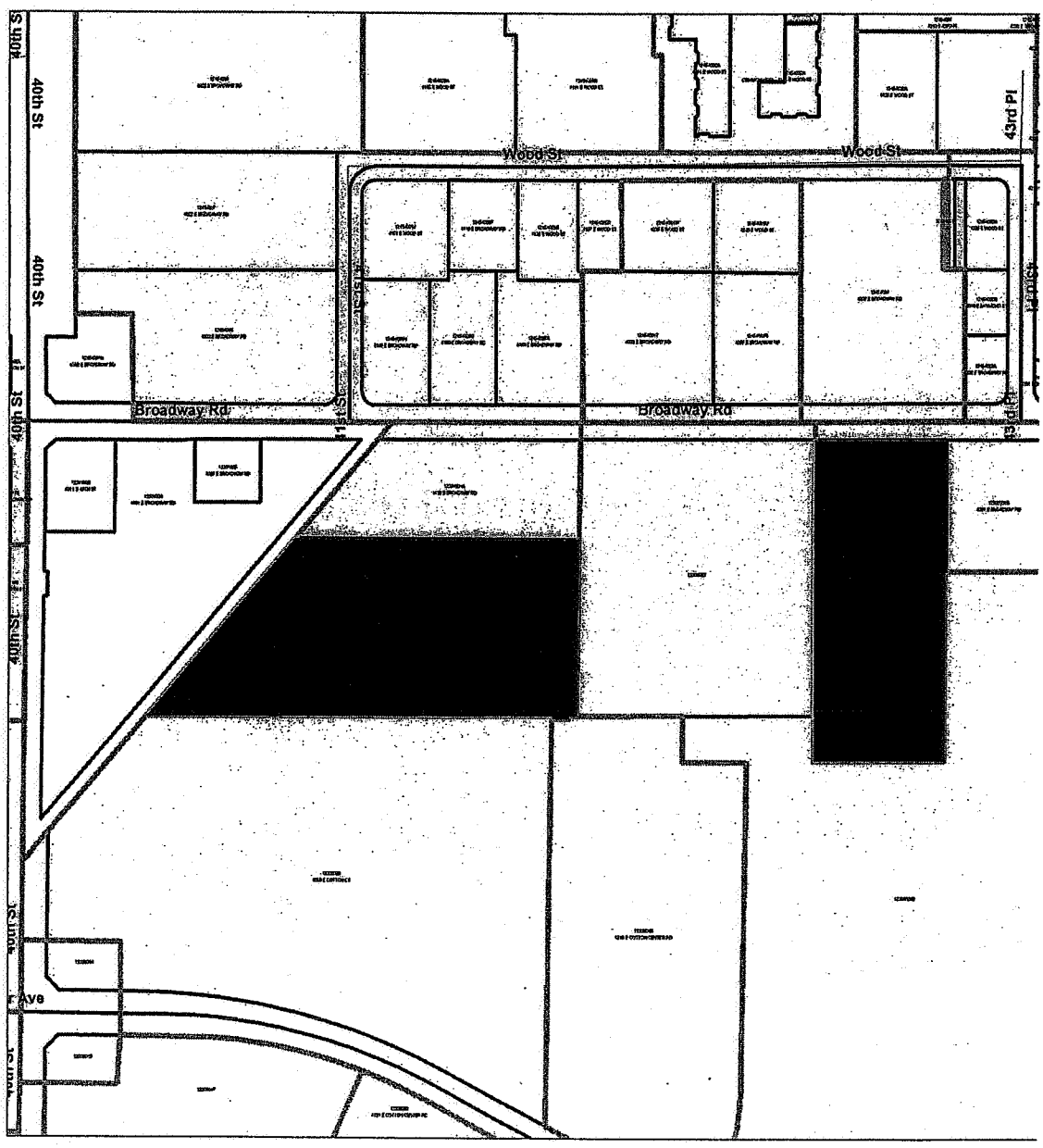
- Parcels

SUBDIVISIONS

- Sub. Boundaries
- Sub Poly

TRANSPORTATION

- Streets (MCDOT)
- Streets (ASSR)



SCALE 1 : 4,858

200 0 200 400 600

FEET

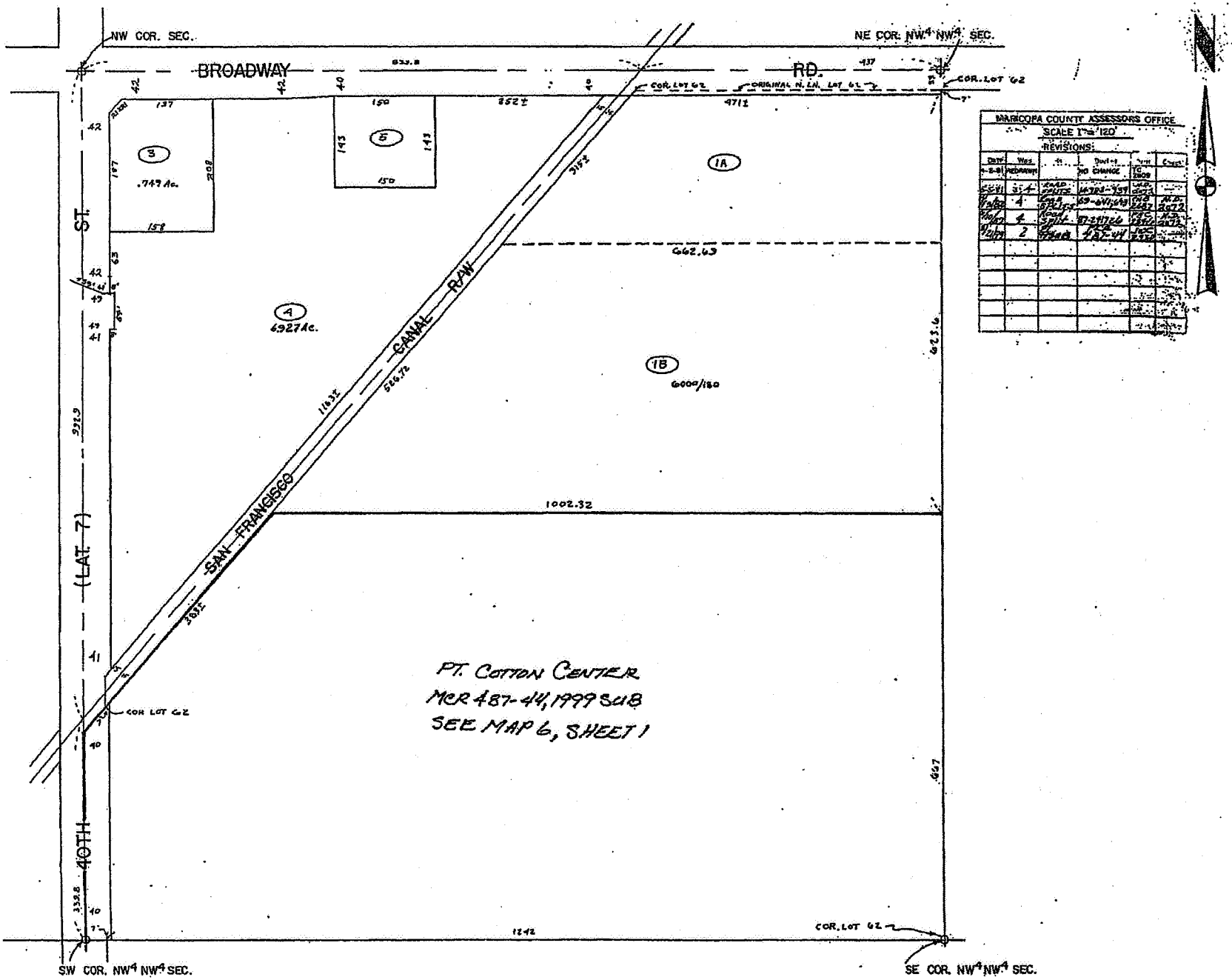
N

1-800-345-7334

SCALE IN 1/16 OF AN INCH

NW4 NW4 SEC. 30, IN 4E
INCL. LOT 62 - BARTLETT-HEARD LANDS (MCR 13/35)

BOOK
MAP 1

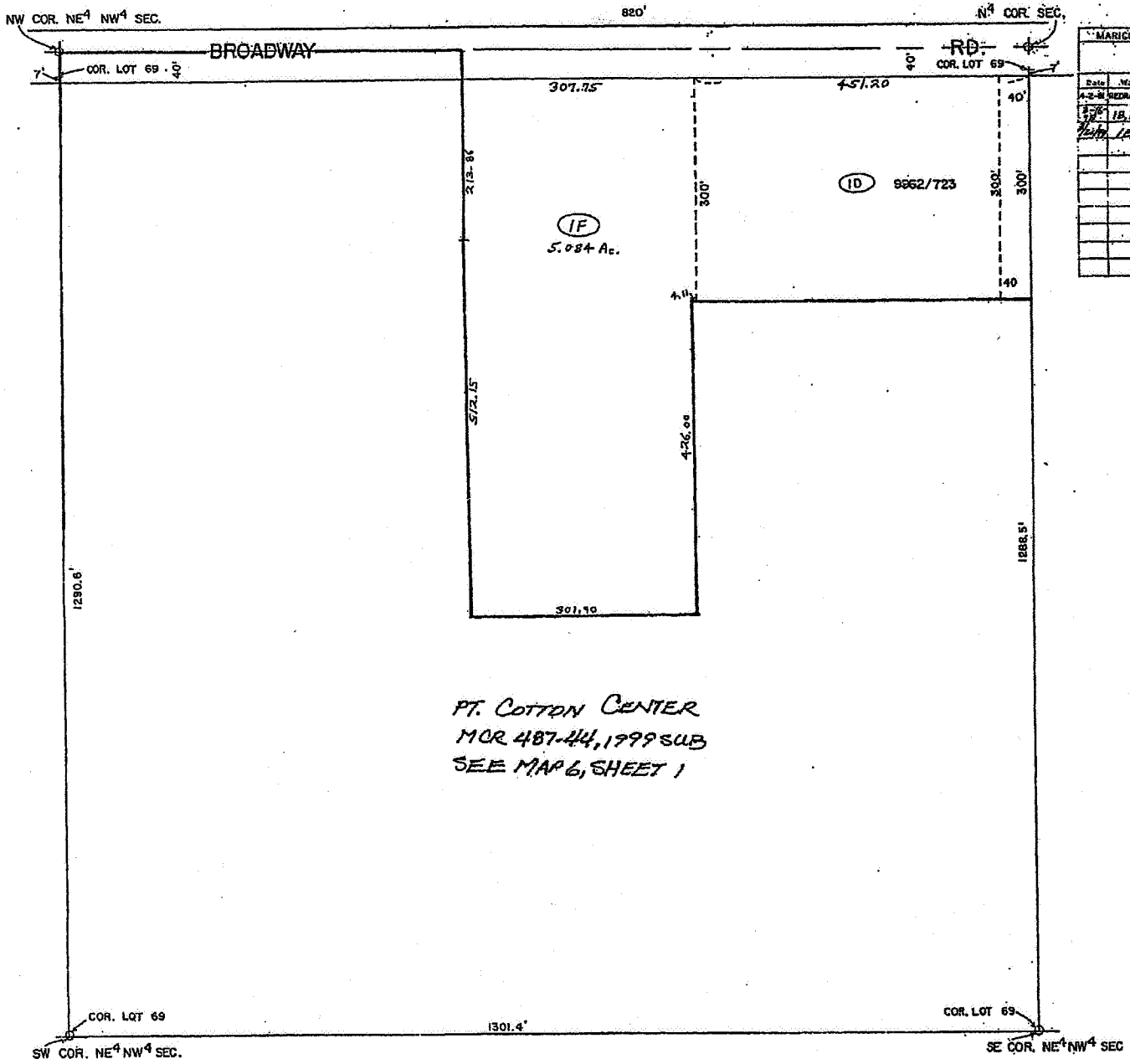


1-800-345-7334

NE^4 NW^4 SEC. 30, IN 4E

LOT 69-BARTLETT-HEARD LANDS (MCR 13/35)

BOOK 123
MAP 2



MARICOPA COUNTY ASSESSORS OFFICE
SCALE 1"=120'
REVISIONS:

Date	Was	By	Docket	Pg	
4-2-81	REDRAWN		NO CHANGE	TC 2609	
3-16-78	1B, 1C	1E, 1F	97-579857	M.S. 3-73	—
3/1/79	1E	PT SUB	MCR 487-44	1999	—

APARTMENT (3 OR LESS STORIES)	2002	9	2.0	3,351	7,703	413	D	100%		100%		$415,116
APARTMENT (3 OR LESS STORIES)	2002	9	2.0	3,351	7,703	413	D	100%		100%		$415,116
APARTMENT (3 OR LESS STORIES)	2002	9	2.0	3,351	7,703	413	D	100%		100%		$415,116
APARTMENT (3 OR LESS STORIES)	2002	9	2.0	3,351	7,703	413	D	100%		100%		$415,116
APARTMENT (3 OR LESS STORIES)	2002	9	2.0	3,351	7,703	413	D	100%		100%		$415,116
APARTMENT (3 OR LESS STORIES)	2002	9	2.0	4,036	7,230	305	D	100%		100%		$348,669
APARTMENT (3 OR LESS STORIES)	2002	9	2.0	3,351	7,703	413	D	100%		100%		$415,116
APARTMENT (3 OR LESS STORIES)	2002	9	2.0	3,351	7,703	413	D	100%		100%		$415,116
BUSINESS OFFICE	2002	12	1.0	5,017	5,017	270	D	100%		100%		$240,430
APARTMENT (3 OR LESS STORIES)	2002	9	2.0	3,351	7,703	413	D	100%		100%		$415,116
CLUBHOUSE	2002	12	1.0	2,071	2,071	196	D	100%		100%		$144,595
	2002	9	1.0	1,220	1,220	162	D	100%		100%		$39,305
	2002	9	1.0	2,360	2,360	198	D	100%		100%		$61,966
EQUIPMENT MAINTENANCE-STORAGE	2002	8	1.0	112	112	50	D	100%		100%		$6,520
EQUIPMENT MAINTENANCE-STORAGE	2002	8	1.0	127	127	48	D	100%		100%		$24,725

122-98-008 3602 E BASELINE RD PHOENIX AZ 85042-7214 — $581,000
FOURSITE HOLDINGS IV L L C
PROPERTY ADDRESS NOT AVAILABLE FROM ASSESSOR — VACANT-UNDETERMINED 00 04 — 2.523 AC 661300 — $581,000
16.0% — $5,877.48 — 2002 — $328,636
36 01N 03E — C-C — (L 2) NAKAMURA FARMS MCR 555-21 TR 55521

123-01-001A 4141 E BROADWAY RD PHOENIX AZ 85040-8803 — $711,679
ARIZONA COTTON PLANTING SEED DISTRS ETA (602)-437-2224 — $178,679
4139 E BROADWAY RD — OFFICE BLDG — 15 11 — $43,219 — 2.875 AC 031300 — $535,000
16.0% — $45,746 — $574,793
30 01N 04E — IMPR — (L 62) BARTLETT-HEARD LANDS LOT 62 EX S 1065.02' AS MEAS ALG E LN SD LOT & EX N 7' RD TR 1335

ADDL IMPROVEMENTS	YEAR	IMPROVE FCV
CONM'L YARD IMPROVEMENT	1969	$36,821

BUILDING INFORMATION	YEAR	HGT	STY	GR-FL-AREA	TL-FL-AREA	GR-PMTR	CONST CD	COND	CMPL	OBSO	MODN	BLDG FCV
BUSINESS OFFICE	1969	10	1.0	3,940	3,940	360	D	100%			100%	$141,858

123-01-001C 230 N 1ST AVE PHOENIX AZ 85025-0230 — $1,392,207
UNITED STATES OF AMERICA — $607,707
PROPERTY ADDRESS NOT AVAILABLE FROM ASSESSOR — FEDERAL-MISC — 94 80 — 7.616 AC 031300 — $784,500
16.0% — $1,251,196
30 01N 04E — C-R — (L 62) BARTLETT-HEARD LANDS MCR 13-35 PT LOT 62 DAF BEG 265.61F S OF N LN SEC 30 1N 4E & ON E LN LOT 62 TH S 398.02F W 1002.32F TH NELY ALG NW LN 526.72F TH E 662.69F TO POB & ALSO PT LOT 11 COTTON CENTER UNIT 2 MCR 499-26 DAF COM SW COR LOT 12 SD SUB TH W 19.25F TO TPOB S 6.50F W 58.50F TO W LN LOT 11 TH N 6.50F E 58.50F TO TPOB P/F 01-0175796 TR 1335

123-01-003 8340 E RAINTREE DR #D SCOTTSDALE AZ 85260-2540 — 07/24/1992 — $400,000 07/1992 — $190,500
W P HOM LTD — 12/23/1986
4011 S 40TH ST — ASSOCIATED PARCELS — 10 74 — $24,470 — .749 AC 031300 — $190,500
25.0% — $24,470 — $4,542.40 — 2002 — $162,004
30 01N 04E — IMPR — (D R) W 200F OF N 250F OF PT NW4 LY N & W OF R/W OF S B R OF S. F. CAN EX RD P/D 14983/939

MARICOPA, AZ. — H08

$177,000	CONDITION	AVERAGE
$149,000		
$119,200		
$29,800		
$149,000		
$124,000		
$120,500	CONDITION	AVERAGE
$96,400		
$24,100		
$120,500		
$122,000	CONDITION	AVERAGE
$97,600		
$24,400		
$122,000		
$110,500	CONDITION	AVERAGE
$88,400		
$22,100		
$110,500		
$111,500	CONDITION	AVERAGE
$89,200		
$22,300		
$111,500		
$135,500	CONDITION	AVERAGE
$108,400		
$27,100		
$135,500		
$120,000	CONDITION	AVERAGE
$96,000		
$24,000		
$120,000		
$135,000	CONDITION	AVERAGE
$108,000		
$27,000		
$135,000		
$110,500	CONDITION	AVERAGE
$88,400		
$22,100		
$110,500		

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TAX PARCEL / OWNER MAILING ADDRESS / TITLEHOLDER / CONTRACT PURCHASER / PROPERTY ADDRESS / SEC TWN RNG GRID / TELEPHONE NBR / LCIC DESCRIPTION / LEGAL DESCRIPTION / DKT-PG / PRIOR FEE/DKT / LC IC / ASMT% / REC-DATE / PRIM ASSESS / SEC ASSESS / SALE PRICE / PRIOR SALE / DATE / PCL SIZE / PROP TAX / TI VC / TAX AREA / YEAR / TOTAL FCV / IMPR FCV / LAND FCV / TOTAL LIM

123-01-004 8340 E RAINTREE DR #D SCOTTSDALE AZ 85260-2540 — 07/24/1992 — $400,000 07/1992 — $4,809,363
W P HOM LTD — 12/23/1986 — $3,044,363
4001 E BROADWAY RD — WAREHOUSING - OFFICE 37 47 — $822,728 — 6.927 AC 031300 — $1,765,000
25.0% — $910,983 — $123,691.68 — 2002 — $4,673,657
30 01N 04E — IMPR — (30 01N 04E) TH PT NW4 N & W OF S BR OF SF CAN EX W 200F OF N 250F & EX N 185F OF E 150F OF W 535F & EX N 40F & EX W 41F AS DESC IN BK OF DEEDS 69 PGS 641 642 & 645 & EX RD P/D 14983/939 & EX RD P/D 87-241926

ADDL IMPROVEMENTS	YEAR	IMPROVE FCV
CONM'L YARD IMPROVEMENT	1987	$419,125

BUILDING INFORMATION	YEAR	HGT	STY	GR-FL-AREA	TL-FL-AREA	GR-PMTR	CONST CD	COND	CMPL	OBSO	MODN	BLDG FCV
INDUSTRIAL FLEX BUILDING	1987	14	1.0	12,722	12,722	588	C	100%			100%	$374,224
INDUSTRIAL FLEX BUILDING	1987	14	1.0	38,140	38,140	1,298	C	100%			100%	$1,020,949
INDUSTRIAL FLEX BUILDING	1987	14	1.0	11,922	11,922	573	C	100%			100%	$349,795
INDUSTRIAL FLEX BUILDING	1987	14	1.0	33,570	33,570	1,060	C	100%			100%	$880,272

123-01-005 8340 E RAINTREE DR #D SCOTTSDALE AZ 85260-2540 — 07/24/1992 — $400,000 07/1992 — $125,000
W P HOM LTD — 1984-0252447 1984 — $107,250 06/1984
4029 E BROADWAY RD — ASSOCIATED PARCELS — 10 74 — $16,088 — .492 AC 031300 — $125,000
25.0% — $16,088 — $2,982.64 — 2002 — $106,436
30 01N 04E — IMPR — (30 01N 04E) N 183' OF E 150' OF N 533' NW4 LY N & W OF S BR OF SF CAN EX N 40' RD .50 AC

123-02-001D 2024 N 7TH ST STE 101 PHOENIX AZ 85006-2101 — $2,407,799
MARICOPA COUNTY OF — $766,299
4301 E BROADWAY RD — COUNTY-COMMERCIAL — 96 20 — $125,667 — 3.246 AC 031300 — $1,641,500
16.0% — $125,667 — $1,393,821
30 01N 04E — R-43A — (L 69) BARTLETT-HEARD LANDS N 340F OF E 476.20F OF SD LOT 69 EX N 40F & EX E 40F & EX W 25F TH/OF TR 1335

BUILDING INFORMATION	YEAR	HGT	STY	GR-FL-AREA	TL-FL-AREA	GR-PMTR	CONST CD	COND	CMPL	OBSO	MODN	BLDG FCV
POST OFFICE	1973	12	1.0	15,000	15,000	515	C	100%			100%	$766,299

123-02-001F 230 N 1ST AVE PHOENIX AZ 85025-0230 — $1,931,500
UNITED STATES OF AMERICA — $1,931,500
4301 E BROADWAY RD — FEDERAL-MISC — 94 80 — $60,199 — 5.084 AC 031300 — $1,931,500
16.0% — $62,904 — $978,568
30 01N 04E — R-43A — (L 69) BARTLETT-HEARD LANDS MCR 13-35 PT LOT 69 BEG AT INTER W LI OF E 451.20F OF SD LOT TH S 300F TH W 4.11F TH S 426F TH N 301.90F TH N 512.15F TH N 215.86F TO S LI OF N 7F SD LOT TH E 307.75F TO POB TR 1335

ADDL IMPROVEMENTS	IMPROVE FCV
CONM'L YARD IMPROVEMENT	$264,693

MARICOPA, AZ. — I08

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123-05-001H 800 E UNIVERSITY BLVD 326 TUCSON AZ 85721 — $356,977
ARIZONA BOARD OF REGENTS FOR UNIV OF AZ — $19,477
5002 S 48TH ST — STATE-COMMERCIAL — 95 20 — $12,003 — .464 AC 031300 — $337,500
25.0% — $18,053 — $2,724.90 — 2002 — $160,239
30 01N 04E — IMPR — (L 76) BARTLETT-HEARD LANDS MCR 13-35 TH PT LOT 76 DAF BEG E4 COR SEC 30 TH N 926.97F TO POB TH W 184.01 F TH N TO A PT 243F S OF N LN SE4 NE4 TH E TO C/L 48ST TH S TO POB EX E 40F RD & ALSO EX RD PER 87-177948 & 950 TR 1335

BUILDING INFORMATION	YEAR	HGT	STY	GR-FL-AREA	TL-FL-AREA	GR-PMTR	CONST CD	COND	CMPL	OBSO	MODN	BLDG FCV

New Search

Property Information

View GIS Maps

Parcel #: 123 - 01 - 001-C

Property Address , AZ

Subdivision Name: BARTLETT HEARD LANDS LOT 7-14, 17-20

Lot #: 62 **MCR #:** 01335

Property Description: BARTLETT-HEARD LANDS MCR 13-35 PT LOT 62 DAF BEG 265.61F S OF N LN SEC 30 1N 4E & ON E LN LOT 62 TH

Section Township Range: 30 1N 4E **Associated Parcel:**

Owner Information

View Tax Statement

Owner: UNITED STATES OF AMERICA

Mailing Address 230 N 1ST AVE
PHOENIX, AZ 85025

Deed #: 06000-0180 **Sales Price:** $0

Deed Date: 12/25/1958 **Sales Date:** n/a *

Valuation Information

Tax Year:	2004	2003	2002
Full Cash Value:	$1,392,207	$1,416,502	$1,416,502
Limited Property Value:	$1,251,196	$1,137,451	$1,034,046
Legal Class:	2	2	2
Assessment Ratio:	16%	16%	0%
Assessed FCV	$222,753	$226,640	$0
Assessed LPV	$200,191	$181,992	$0
Property Use Code:	9480	9480	
Tax Area Code:	031300	031300	031300

Additional Component Information (for this parcel)

Valuation Characteristics

New Search

Helpful Information:

recorder glossary forms

Disclaimer

The data contained in this database is deemed reliable but not guaranteed. This information should be used for informational use only and does not constitute a legal document for the description of these properties. Every effort has been made to insure the accuracy of this data; however, this material may be slightly dated which would have an impact on its accuracy. The Maricopa County Assessor's Office disclaims any responsibility or liability for any direct or indirect damages resulting from the use of this data.

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New Search

Property Information

View GIS Maps

Parcel #: 123 - 02 - 001-F
Property Address: 4301 E BROADWAY RD PHOENIX, AZ 85040
Subdivision Name: BARTLETT HEARD LANDS LOT 7-14, 17-20
Lot #: 69 **MCR #:** 01335

Property Description: BARTLETT-HEARD LANDS MCR 13-35 PT LOT 69 BEG AT INTER W LI OF E 451.20F OF SD LOT TH S 300F TH W 4.1
Section Township Range: 30 1N 4E
Associated Parcel:

Owner Information

View Tax Statement

Owner: UNITED STATES OF AMERICA
Mailing Address: 230 N 1ST AVE PHOENIX, AZ 85025
Deed #: 02505-0183 **Sales Price:** $0
Deed Date: 6/9/1958 **Sales Date:** n/a *

Valuation Information

Tax Year:	2004	2003	2002
Full Cash Value:	$1,931,500	$1,194,631	$752,631
Limited Property Value:	$978,568	$660,924	$483,021
Legal Class:	2	2	2
Assessment Ratio:	16%	16%	16%
Assessed FCV	$309,040	$191,141	$120,421
Assessed LPV	$156,571	$105,748	$77,283
Property Use Code:	9480	9480	
Tax Area Code:	031300	031300	031300

Additional Component Information (for this parcel)

Valuation Characteristics

New Search

Helpful Information:
recorder glossary forms

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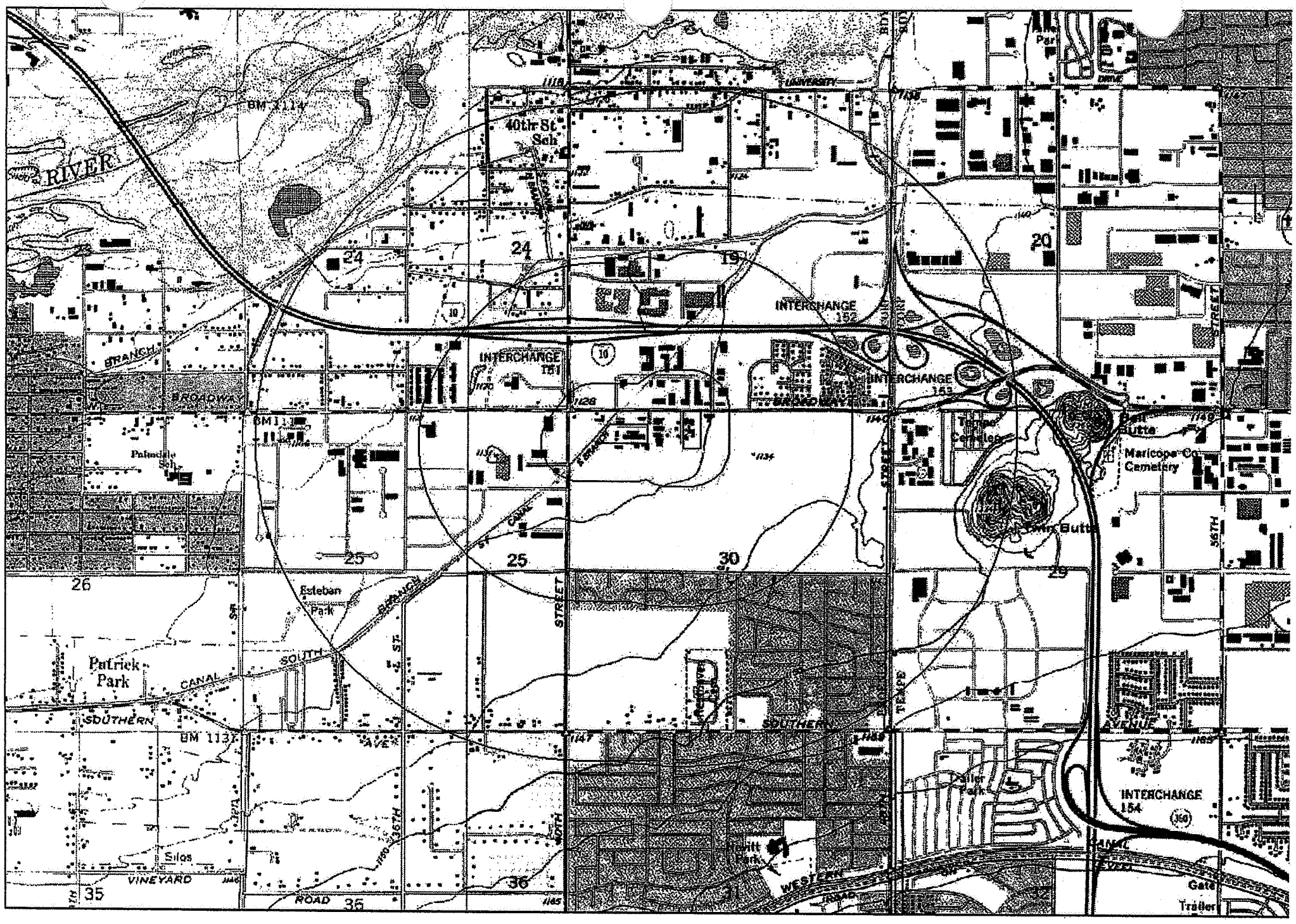
RIVER
BM 1114
40th St Sch
UNIVERSITY
DRIVE
24
24
19
20
INTERCHANGE 152
INTERCHANGE 151
INTERCHANGE 153
BRANCH
BROADWAY
BM 1113
Palmdale Sch
Tempe Cemetery
Bell Butte
Maricopa Co Cemetery
Twin Butte
25
25
30
29
26
Esteban Park
Patrick Park
CANAL
SOUTH
SOUTHERN
AVE
BM 1131
STREET
TEMPE
AVENUE
INTERCHANGE 154
Trailer Park
Silos
VINEYARD
ROAD
35
36
31
WESTERN
Gate
Trailer