

HMS, Inc.

HAZARD MANAGEMENT SERVICES, INC.

4200 Rocklin Rd., Ste. 11A
Rocklin, CA 95677-2860
(916) 632-6800 • (916) 632-6841 Fax

December 8, 2004

Mr. Michael Weissenborn
Project Manager Facilities & Development
Chico Unified School District
1163 E. Seventh Street
Chico, CA 95928

RE: Final Close-out Documentation for Asbestos/Hazardous Materials Related Work at Chico Senior High School, Located at 901 Esplanade Avenue in Chico, CA 95926

Dear Mr. Weissenborn:

This letter reports the completion of work, which potentially could have or did impact hazardous materials at Chico Sr. High School. With this report Hazard Management Services, Inc. (HMS, Inc.) has completed all of our responsibilities under the present contract. The project was generally completed in accordance with the abatement specifications included with this report.

HMS, Inc. collected daily air samples to monitor air dust levels during the different phases of the project. Analysis of these samples was conducted by Phase Contrast Microscopy (PCM) method and individual reports can be found in Section V of the close-out documents.

Clearance air monitoring performed during this project was conducted in accordance with the US Environmental Protection Agency (US EPA) Asbestos Hazard Emergency Response Act (AHERA) criteria, and in accordance with 40 CFR Part 763, Appendix A. All clearance air samples were analyzed utilizing Transmission Electron Microscopy (TEM). All clearance air samples met US EPA's criteria level for reoccupancy.

HMS, Inc. did not collect any additional bulk samples of suspect materials during this project. However, analysis results of all bulk samples of suspect materials for asbestos collected prior the beginning of the project can be found in Section "V" of the close-out documents. A copy of all laboratory certifications are included with the project documents.

The following table indicates the buildings and spaces involved in major removal of asbestos containing materials during this project.

BUILDING	SPACE/ROOM#	START DATE	FINAL VISUAL	CLEARANCE SAMPLING PERFORMED	MATERIAL REMOVED
IT	SP1, 2, & 5	06/07/04	06/09/04	TEM - 06/10/04 - Passed	9" Vinyl Floor Tile (VFT) & Mastic Basecove & Mastic (High Points) Gypsum Board & Joint Compound (Selected Areas)
F (ART)		06/08/04	06/09/04	TEM - 06/10/04 - Passed	9" Vinyl Floor Tile (VFT) & Mastic Basecove & Mastic (High Points) Transite Panels

PO Box 5041
Santa Clara, CA 95056-5041
(408) 249-7080
(408) 249-7082 Fax

367 Civic Drive, Ste. 7
Pleasant Hill, CA 94523-1936
(925) 363-3442
(925) 363-7897 Fax

PO Box 576848
Modesto, CA 95357-6848
(209) 551-2000
(209) 575-5657 Fax

371 E. Bullard Ave., Ste. 109
Fresno, CA 93710-5217
(559) 436-0277
(559) 436-0279 Fax

4949 Buckley Way, #108
Bakersfield, CA 93309-4881
(661) 833-0351
(661) 833-0361 Fax

C. Asbestos Database

Mr. Michael Weissenborn
Project Manager Facilities & Development
Chico Unified School District
December 8, 2004
Page Two

Table 1; Buildings & Spaces Involved in Asbestos Containing Materials Removal (Continued)

BUILDING	SPACE/ROOM#	START DATE	FINAL VISUAL	CLEARANCE SAMPLING PERFORMED	MATERIAL REMOVED
SCIENCE	UNIT 600 (ALL 5 CLASSROOMS)	06/08/04	06/09/04	TEM - 06/16/04 - Passed	9" Vinyl Floor Tile (VFT) & Mastic Basecove & Mastic (High Points) Transite Sink Basins (All) Black Transite Table Tops (Three)
IT	SPIA1 & IA4	06/15/04	06/16/04	TEM - 06/18/04 - Passed	TSI

NOTE: Please refer to Section V, "HMS, Inc. Documentation", for further detail concerning the work performed in the areas listed. Building designations correspond with maps used during this project, and included as part of the close-out documents.

HMS, Inc. is including documentation provided by the contractor with this report as part of the final close-out documentation, as required by the project specifications. These documents include copies of worker training certificates, medical exams, respirator fit tests, air sampling data, safety meetings, sign-in sheets, and other information that were submitted to HMS, Inc.

HMS, Inc. cannot attest to the accuracy or validity of the documents provided by the contractor(s), since these were prepared by the contractor, not HMS, Inc. It is the responsibility of the contractor to comply with the various regulations and provide valid, true, and accurate documents as they pertain to this project.

In order to meet the AHERA requirements, the enclosed documentation must be kept on file as part of the District's US EPA AHERA Management Plan. A copy of this report must be retained in the District Office and the appropriate school office. Be sure to update the list of asbestos containing building materials in the Management Plan. Indicate on the "Homogeneous Material Records" (HMR) the abatement action taken. Also, be sure to note in the District's annual notifications to parents and employees that abatement work was completed at this site.

Please call me at (916) 632-6800 if you have any questions regarding this report.

Sincerely,



Douglas R. Colley
V.P. of Operations
Certified Asbestos Consultant
DOSH #92-0222

Enclosures

**UNIFORM HAZARDOUS
WASTE MANIFEST**

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1

Information in the shaded areas
is not required by Federal law.

CAC000257848409986

of 2

A. State Manifest Document Number
22709986

B. State Generator's ID

C. State Transporter's ID [Reserved.]

D. Transporter's Phone

E. State Transporter's ID [Reserved.]

F. Transporter's Phone

G. State Facility's ID

H. Facility's Phone

3. Generator's Name and Mailing Address

CHICO UNIFIED SCHOOL DISTRICT
2455 Carmichael Drive
CHICO, CA 95928

JUL 15 2004

4. Generator's Phone (530) 891-3209

5. Transporter 1 Company Name

6. US EPA ID Number

A/C INDUSTRIAL SERVICES CORP CAC000257848409986

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address

CRC 504 & CRYSTAL INC.
1610 W. 17TH STREET
LONG BEACH, CA 90813

10. US EPA ID Number

CAC000257848409986

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)

a. Waste Flammable Liquids, n.o.s., 3,
UN1993, PGII (Lab Pack)

12. Containers
No. Type

13. Total
Quantity

14. Unit
Wt/Vol

I. Waste Number

001 D M 00200 P

State 331
EPA/Other 0001

b. Waste Corrosive Liquids, n.o.s., 8,
UN3264, PGII (Lab Pack)

0101 D M 00050 P

State 141
EPA/Other 0002

c. Waste Caustic Alkali Liquids, n.o.s.,
8, UN1719, PGII (Lab Pack)

0101 D F 00030 P

State 123
EPA/Other 0002

d. Waste Aerosols, flammable, 2-1,
UN1950

0101 D F 00020 P

State 331
EPA/Other 0001

J. Additional Descriptions for Materials Listed Above

1a 1x55gal CUSD-01 LP28803
11b 1x10gal CUSD-02 LP28803
11c 1x55gal CUSD-03 LP28803
11d 1x5gal CUSD-04 LP28803

K. Handling Codes for Wastes Listed Above

a.

b.

c.

d.

15. Special Handling Instructions and Additional Information

CONTACT: A/C INDUSTRIAL SERVICES - 24 HR EMERGENCY SERVICE - 800-343-5488

Site: Chico High School

JOB# 04-0288

Attn: Michael Weissenborn

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name

Signature

Month Day Year

Michael Weissenborn

Michael Weissenborn

9/4/21/04

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

ERIC SCOTT

Eric Scott

01/02/10/14

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Signature

Month Day Year

DO NOT WRITE BELOW THIS LINE.

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No.		Manifest Document No.		22. Page		Information in the shaded areas is not required by Federal law.					
		CAC 002 578484		07180		2							
23. Generator's Name Chen United School District						L. State Manifest Document Number 227-11180							
						M. State Generator's ID							
24. Transporter Company Name				25. US EPA ID Number		N. State Transporter's ID							
26. Transporter Company Name				27. US EPA ID Number		O. Transporter's Phone							
						P. State Transporter's ID							
						Q. Transporter's Phone							
28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)						29. Containers		30. Total		31. Unit		R. Waste No.	
						No. Type		Quantity		Wt/Vol			
a. <input type="checkbox"/> HM NON-FLAMMABLE HAZARDOUS WASTE LIQUID (LUB OIL)						001 DM		00200		P		CA 331 EPA 4/A	
b.													
c.													
d.													
e.													
f.													
g.													
h.													
i.													
S. Additional Descriptions for Materials Listed Above 155gal OIL 05 LP 2803						T. Handling Codes for Wastes Listed Above							
32. Special Handling Instructions and Additional Information													
33. Transporter Acknowledgement of Receipt of Materials										Date			
Printed/Typed Name					Signature					Month Day Year			
34. Transporter Acknowledgement of Receipt of Materials										Date			
Printed/Typed Name					Signature					Month Day Year			
35. Discrepancy Indication Space													



LAB PACK INVENTORY

CUSTOMER: Chico Unified School Dist.

DRUM # / LINE ITEM: CVSD-01 / 11a

WASTE PROFILE SHEET #: LP 28863

DRUM SIZE / TYPE: 55gal 1A2

PACKER'S NAME: Scott

MANIFEST #: 22707986

D.O.T. SHIPPING NAME: R2, Waste Flammable Liquids, n.o.s. STATE #: 331
3, UN1993, PG II (1000)

Container #	CHEMICAL NAME	# OF Containers	SIZE	TYPE	PHYSICAL STATE	EPA CODE	AMOUNT IN CONTAINER
	Kepco Developing Solution ^{w/ xylene}	2	1gal	P	L	0011	90%
	Scotchcal Developer ^{w/ xylene}	2	1/2gal	G/P	L	0011	80%
	Rubber Cement	1	1qt	M	L	0011	25%
	Etching Compound w/ hydrobromic	2	1qt	G/P	L	0021	80%
	Primer	3	1gal	M	L	0011	60%
	Encapsulating Resin	1	1pt	M	L		50%
	Liquid solder flux ^{w/ isopropyl alcohol}	1	2oz	G	L		20%
	Alumicok paint	3	8oz	M	L		80%
	"	1	12oz	M	L		60%
	Brake Fluid	1	1gal	M	L		10%
	PRM	9	1gal	M	L		80%
	PRM	2	1qt	M	L		60%
	Charcoal Lighter fluid	1	1qt	P	L		85%
	Douchper (Kerosene)	3	1qt	P	L		50%
	Auto Body Shine w/ isopropyl alcohol	1	1gal	P	L		50%

PHYSICAL STATE = L - LIQUID; S - SOLID; G - GEL; A - AEROSOL

TYPE = P - PLASTIC; G - GLASS; M - METAL

WHITE - DRUM COPY; YELLOW - MANIFEST COPY; PINK - FILE COPY; GOLDENROD - CUSTOMER COPY

LAB PACK INVENTORY

STOMER:

Chico Unified School District

DRUM # / LINE ITEM

CVSD-02/115

WASTE PROFILE SHEET #:

1028263

DRUM SIZE / TYPE:

109-1 1A2

PACKER'S NAME:

S. H.

MANIFEST #

22709706

D.O.T. SHIPPING NAME:

Wash. Corrosive Liquid G. d. n.

STATE #

14

Ingram, n.s., E 62364 PGII

[illegible]

PHYSICAL STATE = L - LIQUID; S - SOLID; G - GEL; A - AEROSOL

TYPE = P - PLASTIC; G - GLASS; M - METAL

WHITE - DRUM COPY: YELLOW - MANIFEST COPY: PINK - FILE COPY: GOLDENROD - CUSTOMER COPY

LAB PACK INVENTORY

CUSTOMER: Chico Unified School District

DRUM # / LINE ITEM: CUSD-03 / 16

WASTE PROFILE SHEET #: LP 28863

DRUM SIZE / TYPE: 5x1 142

PACKER'S NAME: James H. Packer

MANIFEST #: 22704986

D.O.T. SHIPPING NAME: Waste Caustic alkali Liquids, n.o.s. STATE #: 123
8, UN1719, PG II

[illegible]

PHYSICAL STATE = L - LIQUID; S - SOLID; G - GEL; A - AEROSOL

TYPE = P - PLASTIC; G - GLASS; M - METAL

WHITE - DRUM COPY: YELLOW - MANIFEST COPY: PINK - FILE COPY: GOLDENROD - CUSTOMER COPY

LAB PACK INVENTORY

DRUM # / LINE ITEM: C050-04/ 116

DRUM SIZE / TYPE: 5 gal 142

MANIFEST #: 22707986

D.O.T. SHIPPING NAME: Wack Aerosols, Flammable, 2.1 STATE #: 33

[illegible]

PHYSICAL STATE = L - LIQUID; S - SOLID; G - GEL; A - AEROSOL

TYPE = P - PLASTIC; G - GLASS; M - METAL

WHITE - DRUM COPY: YELLOW - MANIFEST COPY: PINK - FILE COPY: GOLDENROD - CUSTOMER COPY

LAB PACK INVENTORY

CUSTOMER: Chico Unified School District

DRUM # / LINE ITEM: (USD-05 / 28

WASTE PROFILE SHEET #: LP 28863

DRUM SIZE / TYPE: 55 gal / 1A12

PACKER'S NAME: S. H.

MANIFEST #: 22709986

D.O.T. SHIPPING NAME: NON-RCRA Hazardous Waste Liquid STATE #: 331

[illegible]

PHYSICAL STATE = L - LIQUID; S - SOLID; G - GEL; A - AEROSOL

TYPE = P - PLASTIC; G - GLASS; M - METAL

WHITE - DRUM COPY: YELLOW - MANIFEST COPY: PINK - FILE COPY: GOLDENROD - CUSTOMER COPY

Crosby & Overton

Environmental Services

Pursuant to Section 66264.124, Appendix IX, Restriction, Notification & Certification Requirements
NON RCRA LAND DISPOSAL RESTRICTION NOTIFICATION

Generator Name Chico Unified School District
Phone: (530) 891-3209 EPA ID# CAC 002 578 484
Manifest 22709986 Profile # LP 28863

The waste(s) identified on the above referenced manifest and bearing the California waste numbers identified below is subject to the Land Disposal restrictions of CCR, Title 22, Chapter 18. Section 66068.7(a)

Is this waste Non-Hazardous? If yes, complete Section C. Yes ☒ No

A. WASTE IDENTIFICATION California Waste Numbers 331, 181
Check the appropriate boxes.

- ☐ Non-RCRA metal-containing aqueous waste identified in 22 CCR 66268.107(a).
- ☐ PCB waste identified in 22 CCR 66268.110.
- ☐ Non-RCRA metal containing solid waste identified in 22 CCR 66268.106(a) (3). Prohibition effective date 1/1/95.
- ☐ Non-RCRA aqueous and liquid waste containing any organic compound identified by EPA Test Methods 8080, 8140, 8150, 8240 and/or 8270 identified in 22 CCR 66268.112. Prohibition effective date 1/1/95.
- ☐ Non-RCRA solid waste containing any organic compound measured by Methods 8080, 8140, 8150, 8240 and/or 8270 identified in 22 CCR 66268.113. Prohibition effective date 1/1/95.
- ☒ Other Non-RCRA, California-regulated waste.

B. HANDLING METHOD

Check the appropriate box.

- ☐ The waste identified above must be treated to meet the applicable standards in 22 CCR, Division 4.5, Chapter 18, Article 11.
- ☐ The waste identified above meets the applicable treatment standard, no additional Treatment required 22 CCR Section 66068.7(a)(2)
"I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in CCR Title 22, Division 4.5, Chapter 18, Article 11 and all applicable prohibitions set forth in CCR Title 22 Section 66068.32 or RCRA Section 3004(d) U.S.C. Section 6924(d) I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment."
- ☐ The waste is subject to a variance. The expiration date of the variance is indicated _____.
- ☒ The Non-RCRA waste identified above is not currently restricted from land disposal.

C. GENERATOR CERTIFICATION

This notification & certification is based on the following waste stream information:

 (A) Chemical/Physical Analysis of the waste; ☒ (B) Generator knowledge of the waste; or (C) Both

I hereby certify that all information supplied above and on all associated documents is complete and accurate to the best of my knowledge and that no omissions or errors exist.

[Signature] Facilities Planner 6-21-04
Signature Title Date

NOTE: It is the generators responsibility to maintain LDR copies for five years
01/09/96

u:lbandfor

LAND DISPOSAL RESTRICTION NOTIFICATION FORM (LDRNF) For Wastes Subject to the Treatment Standards Found in 40 CFR 268

INSTRUCTIONS: Complete Part I, check and complete Part II. Complete and sign Part III, if applicable.

PART I. Generator, Reference and Manifest Information

Generator Name: Chico Unified School Dist. EPA ID. # CAC 002578484
Address: 2455 Carmichael Drive City: Chico
State: CA Zip: 95928 Manifest Number: 22709986

This stream is (check one) ☐ wastewater (Per Section 40 CFR 268.2(f)(1)(2)(3)) ☒ non-wastewater.

PART II. Waste subject to Land Disposal Restrictions

Pursuant to 40 CFR 268.7(a), I hereby notify that this waste shipment contains one or more of the following waste(s) restricted under the land disposal restrictions for which applicable treatment standards are set forth in 40 CFR, 268.40 or 42 USSC, 6924(d).

EPA Hazardous Waste Numbers

F listed Solvents (check all that apply)

- ☐ F001, F002, F003, F004 or F005 (Underlying constituents must be identified. Use Form LDRN-1A)
☐ F005 Containing 2-Nitropropane or 2-Ethoxyethanol
☐ F001-F005 Containing carbon disulfide, cyclohexanone, methanol, or a combination of these constituents as the sole F001-5 regulated constituent.

Other Wastes

List all D.F.K.U or P Codes (if any) F001, D903, etc.	Subcategory (if any) See LDRN-1B	Wastewater or Non-wastewater		C&O Profile Number	Applicable California Codes
		WW	NWW		

Hazardous Debris Notification

☐ This hazardous debris is subject to the alternative treatment standards of 40 CFR, 268.45
Contaminants subject to treatment (please list waste codes applicable to the debris)

FACILITY: Note that "Contaminants Subject to Treatment" are those constituents applicable to a waste code listed above for which a BDAT treatment standard is established in 40 CFR, 268.40, including underlying constituents where applicable.

Underlying Constituents to be Monitored

___ F039 (Constituents to be monitored must be indicated. Use Form LDRN-1A)

___ F001-F005, D001 (other than residues from RORGs or CMBST), D002, D012-D043 (Underlying constituents must be indicated. Use from LDRN-1A)

Defined: An underlying constituent includes any constituent listed in 268.48. Table UTS-Universal Treatment Standards, except zinc, which can reasonably be expected to be present at the point of generation of the hazardous waste at a concentration above the constituent specific UTS treatment standard.

___ The waste is a characteristic hazardous waste D001 or D002 which is intended for treatment/disposal in a CWA system, CWA-equivalent system, or Class I SDWA system. Underlying Hazardous Constituents (UHC's) are NOT required to be identified.

___ The waste is a characteristic hazardous waste D001 High TOC Ignitable Liquids Subcategory (i.e., greater than or equal to 10% TOC). Pursuant to 40 CFR 268.40, the waste must be treated using organic recovery (RORGs) or combustion technology. UHC's are NOT required to be identified.

___ Check here if the waste is a D012-17 non-wastewater or a D018-43 that is intended to be treated in a CWA system, CWA-equivalent system, or Class I SDWA system. If so, the waste is EXEMPT from the LDR regulations, and no further information is required.

Deadline Extensions and Variances

Certain wastes may be subject to a deadline extension or variance (e.g. treatability variance, case-by-case extension). Describe below any extension that applies to a waste in this waste shipment (include dates and waste codes).

NOTE: This section must be completed (attach additional sheets if necessary) as a basis for this certification. Describe the knowledge upon which the certification is made.

ARE THERE ANY CONSTITUENTS WHICH DO NOT MEET APPLICABLE LDR TREATMENT STANDARDS? If yes, please list the constituents which require further treatment.

Waste Code	Constituent(s)

Signature

Printed Name

Date

Applicable Certifications

PART III. Authorized Representative

by & Overton Profile Number <div style="font-size: 1.2em; font-family: cursive;">LP 28863</div>	Manifest and Line Item Number associated with waste shipment <div style="font-size: 1.2em; font-family: cursive;">22709986 11a, b, c, d</div>
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CHECK THE APPROPRIATE CERTIFICATION

- ☐ **1. Generator's Certification (268.7(a)(2)(ii)) for waste that meets Treatment Standards**
 I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR, Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d). I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.
- ☐ **2. Waste Treated to Remove Characteristics (268.7(b)(5)(iv))**
 I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 268.40 to remove the hazardous characteristic. This decharacterized waste contains underlying hazardous constituents that require further treatment to meet universal treatment standards. I am aware that there are significant penalties for submitting a false certification including the possibility of fine and imprisonment.
- ☐ **3. Debris Treated to meet Alternative Standards (268.7(d)(3)(iii))**
 I certify under penalty of law that the debris has been treated in accordance with the requirements of 40 CFR 268.45. I am aware that there are significant penalties for making a false certification including the possibility of fine and imprisonment.
- ☒ **4. Lab Packs to be Treated by Incineration (Certification must be completed.) Appendix IV Lab Packs**
 I certify under penalty of law that I have personally examined and am familiar with the waste and that the lab pack contains only wastes which have not been excluded under Appendix IV to 40 CFR Part 268 or solid wastes not subject to regulation under 40 CFR Part 261. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine or imprisonment.
- ☐ **5. Appendix V Lab Pack:**
 I certify under penalty of law that I personally have examined and am familiar with the waste through analysis testing or through knowledge of the waste and that the lab pack contains only organic waste specified in Appendix V to part 268 or solid wastes not subject to regulation under Part 261. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine or imprisonment.

Signature <div style="font-family: cursive; font-size: 1.2em;">Michael Weyersleben</div>	Print Name <div style="font-family: cursive; font-size: 1.2em;">Michael Weyersleben</div>
Title <div style="font-family: cursive; font-size: 1.2em;">Facilities Planner</div>	Date <div style="font-family: cursive; font-size: 1.2em;">6-21-04</div>