

ECOLOGY AND ENVIRONMENT, INC.
Superfund Technical Assessment and Response Team

US Collodial, Inc., Rancho Cucamonga, San Bernardino County, California

PAN#: TBD

Photographer: Robin Clemens

TDD No: TBD

Date: March 2008



Photo 1: US Collodial, Inc. 9330 7th Street, Suite A, Rancho Cucamonga, California.



Photo 2: US Collodial chemical products.

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Photo 3: One of the three US Collodial, Inc. laboratory lab areas.



Photo 4: Overcrowded drums and containers, un-segregated and without secondary containment.

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US Colloidal, Inc., Rancho Cucamonga, San Bernardino County, California

PAN#:TBD
Photographer: Robin Clemens

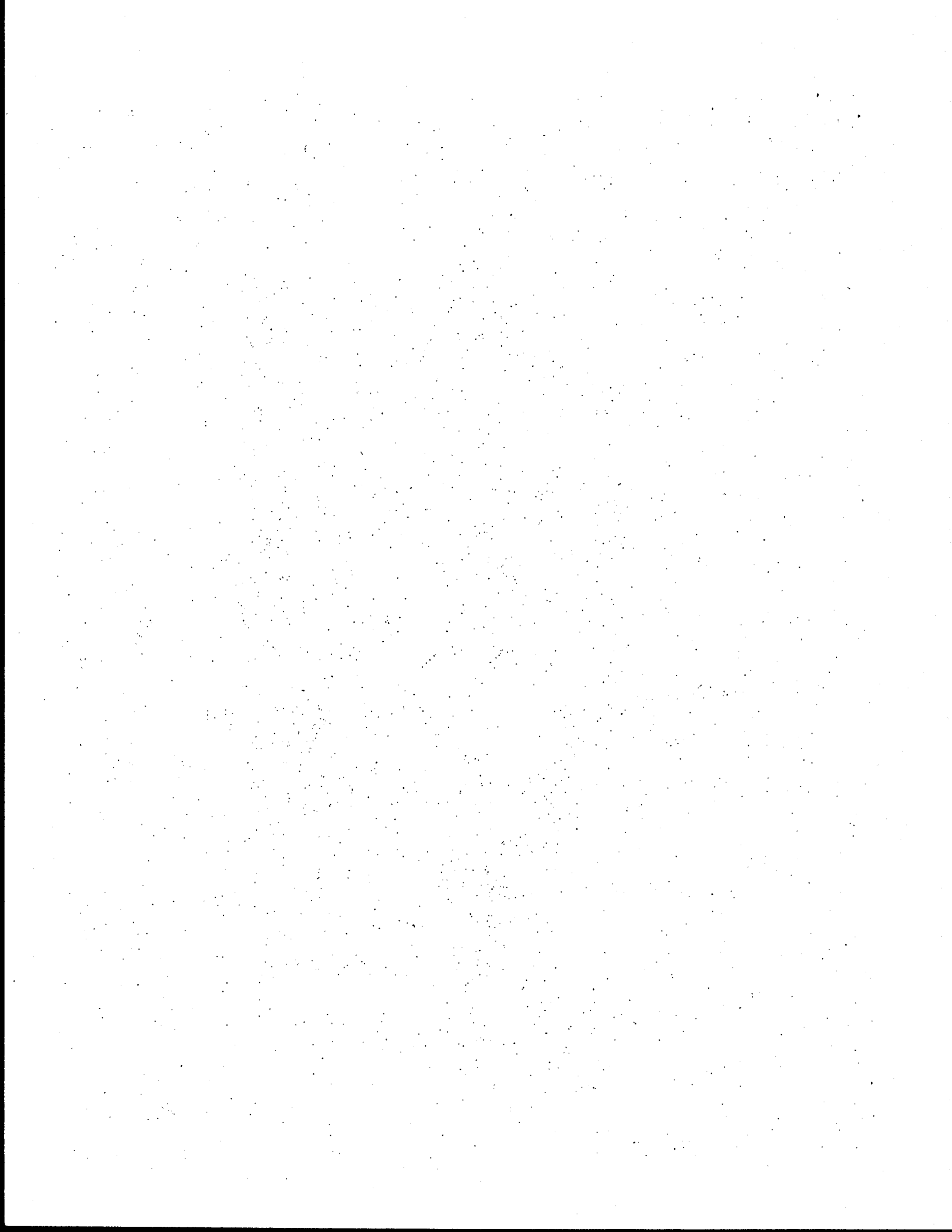
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Photo 5: Alphabetically arranged lab chemicals without any seismic containment precautions.



Photo 6: San Bernardino Fire collecting a sample from a drum of hydrochloric acid.



Index to the Administrative Record

- Request for Federal Action, San Bernardino County Fire-HazMat, March 18, 2008.
- San Bernardino County Fire Department, Hazardous Materials Division, Hazardous Waste Generator and Hazardous Materials Handler Inspection Report. January, 18, 2007.
- San Bernardino County Fire Department, Hazardous Materials Division, Hazardous Waste Generator and Hazardous Materials Handler Inspection Report. January, 10, 2008.
- Rancho Cucamonga Fire Protection District, Inspection Report/Notice to Correct, January 24, 2008.
- Uniform Hazardous Waste Manifest (No. 21823123, copy), Generator Certification dated on November, 20, 2002.
- Rancho Cucamonga Department of Building and Safety, Inspection Report for 9330 7th St "A", March 18, 2008.
- Centrum Analytical Laboratories and Calscience Environmental Laboratories, Inc., draft data reports, March 20, 2008. (total 13 pages)

REQUEST FOR FEDERAL ACTION

SAN BERNARDINO County
The Fire-HAZMAT ("Requesting Agency") requests assistance from the United States Environmental Protection Agency, Region 9 ("EPA") to conduct a removal action at the facility located at:

9330 7th street
Street Address, Parcel Number or Other Property Description
Rancho Cucamonga
City
SAN BERNARDINO
County
CA
State

By making this Request, the Requesting Agency recognizes that with respect to this removal action EPA, or any other federal agency acting in conjunction with or on behalf of EPA, may use its authority under the Comprehensive Environmental Response Compensation and Liability Act ("CERCLA"), 42 U.S.C.A. §§ 9601, et seq., the National Contingency Plan ("NCP"), 40 C.F.R. Part 300, or any other federal statute, regulation or response program, to respond to and recover costs incurred in response to releases or threats of releases of pollutants and contaminants as deemed necessary in EPA's sole discretion to abate an imminent and substantial endangerment to public health or welfare or the environment at the location stated above. By making this Request, the Requesting Agency acknowledges that notice pursuant to Section 128(b)(1)(D) of CERCLA, 42 U.S.C. § 9628(b)(1)(D), is not applicable with respect to this removal action. The signatory of this request is authorized to make this request on behalf of the State.

Executed on this the 18 day of March, 2008

Curtis BRANDAGE
Curtis Brandage
Name
Hazardous Materials Specialist IV
Title



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San Bernardino County Fire Department • Hazardous Materials Division
620 South 'E' Street, San Bernardino, CA 92415-0153 • (909) 386-8401 FAX (909) 386-8460

HAZARDOUS WASTE GENERATOR AND HAZARDOUS MATERIALS HANDLER INSPECTION REPORT

Facility Name: U.S. Colloidal Technology, Inc. Date: 1/18/07
Street Address: 9330 7th St, Suite A01 Fac Id. No: New
City: Rancho Cucamonga Zip Code: 91730 EPA ID No: Not Established
Facility Contact: Stephen Kim Phone No: (909) 476-1061 Number of Employees: 0

Refer to Title 19 and Title 22 of the California Code of Regulations (CCR), Chapter 6.5 of the Health and Safety Code (HSC) and Division 3 of Title 2 of the San Bernardino County Code (CC). The following code sections are either in Violation (V), or in Compliance (C) with, the applicable laws and regulations, or compliance is not applicable, not addressed or unknown (N).

Table with columns for GENERAL REQUIREMENTS FOR GENERATOR, HAZARDOUS WASTE HANDLER, and BUSINESS. Rows include items like 'Hazardous Waste Generator Permit current', 'Facility access for inspection granted', 'Business Plan established', etc. Includes handwritten notes and a list of chemicals.

Unannounced compliance inspection. Stephen Kim (Manager) provided escort and consent. This is a business manufacturer's general purpose colloidal cleaners, shampoos, etc. Lab onsite for R&D. For contractor onsite, no waste is generated from manufacturing. All recycled back into process, ~1600 gallons of waste water from tank mixing to begin operation 1/16/06, to be removed as industrial waste water.

Inventory: Numerous chemicals in laboratory sized containers less than 55 gallons. > 55 gal. Glycerol Ether > 55 gal. Ethanol > 55 gal. Phosphoric Acid > Glycolic Acid > Tri-n-butylamine

(Continued on Supplemental Form)

NOTICE OF VIOLATION: THE VIOLATIONS NOTED ABOVE MUST BE CORRECTED WITHIN 30 DAYS. FAILURE TO COMPLY MAY RESULT IN LEGAL ACTION. THE CERTIFICATE OF COMPLIANCE SHALL BE SUBMITTED WITHIN THE TIME PERIOD NOTED ABOVE.

Inspector: Zeigler Received by: Stephen S. Kim Title: Manager



SUPPLEMENTAL INSPECTION REPORT

FACILITY NAME:

U.S. Colloid Technology, Inc

FACILITY LOCATION:

9332 71st St, Suite A, Rancho Cucamonga, CA

Inventory continued

55 gal. monoethanolamine

55 gal. Tetra phosphoric Pyrophosphate

55 gal. Triethanolamine

> 215 empty drums that at one time held hazardous material

Verify that if waste is generated by manufacturing or research procedures, it is correctly & legally disposed of to an industrial discharge sewer line or disposed of as hazardous waste.

Correct the following violations:

- #117. Empty containers that at one time held hazardous material must be labeled as "Empty" with date emptied and hauled off site for recycling or disposal within one year of empty date. Per Mr. Kim, empty drums have been onsite since ~2007. Have drums hauled away within 30 days.
- #201. Obtain a hazardous materials handler permit by paying invoice upon receipt.
- #202, 203. Establish and submit in duplicate to this office a hazardous materials Business Emergency Contingency Plan. Keep a copy onsite.

Be complete and submit all the above within 30 days

Zeigler

Inspector

1/18/06

Date

Steph S. Kim

Received By

Manager

Title

17.77E



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HAZARDOUS WASTE GENERATOR AND HAZARDOUS MATERIALS HANDLER INSPECTION REPORT

FA #: FA0010812 Facility Name: U.S. Colloidal Technology, Inc. Inspection Date: January 10, 2008
Site Address: 9330 7th Street, Suite A Phone #: (909) 481-5373
City: Rancho Cucamonga Zip Code: 91730 EPA ID #: Not Obtained

Consent Granted by: [] Inspect [] Photograph Name: Scott Kim Title: President/CEO # Emp: 0

Refer to Title 19 and Title 22 of the California Code of Regulations (CCR), Chapter 6.5 of the Health and Safety Code (CHSC) and Division 3 of Title 2 of the San Bernardino County Code (CC). The following code sections are either in violation (V) of, in compliance (C) with, the applicable laws and regulations, or compliance is not applicable, not addressed or unknown (N).

Table with 2 main sections: GENERAL REQUIREMENTS FOR GENERATORS and GENERAL REQUIREMENTS FOR HANDLERS. Columns include item number, description, code, and compliance status (V, C, N).

STORAGE AND LABELING REQUIREMENTS table with columns for item number, description, code, and compliance status (V, C, N).

INSPECTION NARRATIVE

An inspection was conducted at this facility on January 10, 2008. The purpose of this inspection was to verify compliance with hazardous materials and hazardous waste laws and regulations. Consent to perform the inspection and take photographs was granted by Scott Kim, (President/CEO).

U.S. Colloidal Technology Inc. develops formulas and manufactures personal care products (e.g. skin creams and hair care products), industrial strength cleaners, degreasers, and detergents. The facility totals approximately 3000 square feet, which consists of a reception area, three office areas, and a single warehouse area. The warehouse area consists of a laboratory, production area, and manufacturing chemicals storage area. Product chemicals in 55-gallon drums and 50 pounds sacks are stored in the warehouse. The materials stored onsite are a combination of flammable materials, acids, caustics, and surfactants. Chemical compatibility and fire hazard issues were discussed. Mr. Kim explained that the laboratory is used for research and development of product formulas.

The production line consists of a series of mixing tanks, product holding tanks, and a wastewater tank. The tanks sizes vary from 4000-gallon mixing tanks to 250-gallon totes. Mr. Kim stated that manufacturing activities are currently ceased due to financial issues. No employees are currently on staff at this location.

HAZARDOUS WASTE RECORDS AND MANIFESTS table with columns for item number, description, code, and compliance status (V, C, N).

NOTICE OF VIOLATION: THE VIOLATIONS NOTED ABOVE MUST BE CORRECTED WITHIN 30 DAYS. FAILURE TO COMPLY MAY RESULT IN LEGAL ACTION. THE CERTIFICATE OF COMPLIANCE SHALL BE SUBMITTED WITHIN THE TIME PERIOD NOTED ABOVE.

Inspected By: [Signature] Received By: [Signature] Title: President
JOSE MAY, REHS Print Name Scott Kim Print Name
Report Date: January 24, 2008



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SUPPLEMENTAL INSPECTION REPORT

Page 2 of 5

INSPECTION DATE: January 10, 2008

FACILITY ID FA0010812	FACILITY NAME: U.S. Colloidal Technology, Inc.	FACILITY LOCATION: 9330 7th Street, Suite A, Rancho Cucamonga
Consent Granted by: <input type="checkbox"/> Inspect <input type="checkbox"/> Photograph	NAME Scott Kim	TITLE President/CEO

Hazardous Materials Inventory

- (10) 55-gallon drums of Triton XL-80N Surfactant TM
- (10) 55-gallon drums of Tergitol TM
- (4) 55-gallon drums of Dipropylene Glycol
- (2) 55-gallon drums of Sodium Hydrosulfite
- (2) 55-gallon drums of Amyl Acetate Mixed Isomer
- (3) 55-gallon drums of Glycol Ether EPH
- (1) 55-gallon drum of Methylpyrrolidone
- (3) 55-gallon drums of Stepanol TM
- (1) 55-gallon drum of Ethanol Vanzol
- (2) 55-gallon drums of Triethylene Glycol
- (3) 55-gallon drums of Biosoft TM
- (2) 55-gallons drums of Glycol Ether Acetate
- (1) 55-gallon drum of Diethanolamine 99%
- (4) 55-gallon drums of Glycolic Acid 70%
- (1) 55-gallon drum of Mineral Spirits
- (1) 55-gallon drum of Hydrochloric Acid
- (1) 55-gallon drum of Isoparc TM
- (2) 55-gallon drums of Ninol 30-LL TM
- (2) 55-gallon drums of Tomadol TM
- (1) 55-gallon drum of Tetrapotassium Pyrophosphate
- (1) 55-gallon drum of Monoethanolamine
- (2) 55-gallon drums of Steol CA-460 TM
- (1) 55-gallon drum of Perchloroethylene
- Approximately 10 50-pound sacks Dissolvine NA TM (tetrasodium phosphate)
- Approximately 10 50-pound sacks of Benzoic Acid
- Approximately 10 50-pound sacks Dupont Oxone TM (Corrosive)
- Sodium Hypochloride (Bacticide) in 55-gallon drums (1)

Hazardous Waste Inventory

One 4000-gallon wastewater above ground tank connected inline with the production mixing tanks. Mr. Kim stated that the wastewater is periodically hauled as a hazardous waste. No receipts were available to determine compliance with accumulation time limits.

NOTICE OF VIOLATION: THE VIOLATIONS NOTED ABOVE MUST BE CORRECTED WITHIN 30 DAYS. FAILURE TO COMPLY MAY RESULT IN LEGAL ACTION. THE CERTIFICATE OF COMPLIANCE SHALL BE SUBMITTED WITHIN THE TIME PERIOD NOTED ABOVE.

Inspected By: Jose May Received By: Scott Kim Title: President
Sign Name Sign Name
Jose May Scott Kim Report Date: January 24, 2008
Print Name Print Name



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SUPPLEMENTAL INSPECTION REPORT

Page 3 of 5

INSPECTION DATE: **January 10, 2008**

FACILITY ID FA0010812	FACILITY NAME: U.S. Colloidal Technology, Inc.	FACILITY LOCATION: 9330 7th Street, Suite A, Rancho Cucamonga
Consent Granted by: <input type="checkbox"/> Inspect <input type="checkbox"/> Photograph	NAME Scott Kim	TITLE President/CEO

Documentation Review

- Hazardous Materials Handler Permit is current. Expiration date 02/08.
- Hazardous Waste Generator Permit not obtained.
- Facility has not applied for an EPA ID number as indicated by a review of the Department of Toxic Substances Control Hazardous Waste Tracking System.
- A Business Emergency/Contingency Plan has not been established and/or submitted to this Division. Partial Plan completed and submitted onsite. A complete update is required.
- Training Documentation specific to hazardous materials handling and emergency response procedures was not available for review.
- Materials Safety Data Sheets were available for review.

List of Violations with Compliance Requirements

Correct the following violations within 30 days

101 – Hazardous Waste Generator Permit not current – CC 23.0602(b)(1)

This facility generates hazardous wastewater from the production of cleaners, detergents, and hair care products. Any person or entity in San Bernardino County that uses, generates, processes, produces, treats, stores, emits, or discharges a hazardous material in quantities at or exceeding the threshold limits must obtain a permit. The threshold for hazardous waste generation onsite is ANY amount.

Compliance Requirement:

Submit permit fees within 30 days of billing of receiving invoice.

104 – EPA ID Number has not been obtained – CCR 66262.12(a)

Facility generates hazardous wastewater onsite. Generators of hazardous waste shall not offer for transportation, hazardous waste without having received an Identification Number.

Compliance Requirement:

Obtain a permanent EPA ID Number by submitting Form 1358 to DTSC. Form provided.

NOTICE OF VIOLATION: THE VIOLATIONS NOTED ABOVE MUST BE CORRECTED WITHIN 30 DAYS. FAILURE TO COMPLY MAY RESULT IN LEGAL ACTION. THE CERTIFICATE OF COMPLIANCE SHALL BE SUBMITTED WITHIN THE TIME PERIOD NOTED ABOVE.

Inspected By: Received By: Title: President
Sign Name Sign Name
Jose May Print Name **Scott Kim** Print Name
Print Name Report Date: **January 24, 2008**



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SUPPLEMENTAL INSPECTION REPORT

Page 4 of 5

INSPECTION DATE: January 10, 2008

FACILITY ID FA0010812	FACILITY NAME: U.S. Colloidal Technology, Inc.	FACILITY LOCATION: 9330 7th Street, Suite A, Rancho Cucamonga
Consent Granted by: Inspect <input checked="" type="checkbox"/> Photograph	NAME Scott Kim	TITLE President/CEO

- 106 - Facility not operated/maintained to prevent a release or fire - CCR 66265.31
- 110 - Hazardous waste containers were not labeled - CCR 66262.11
- 118 - Container storage area not inspected weekly - CCR66265.174
- 119 - Hazardous Waste not managed lawfully - CHSC 25154

Mr. Kim stated that the wastewater onsite is periodically hauled as a hazardous waste. The tank was not properly labeled as hazardous waste per regulation cited. Product chemicals in 55-gallon drums and 50 pounds sacks are stored in the warehouse near the hazardous waste tank. The materials stored onsite are a combination of flammable materials, acids, caustics, and surfactants. Chemical compatibility and fire hazard issues were observed and discussed. Mr. Kim was provided regulatory guidelines for hazardous waste storage area management.

Compliance Requirement:

Facility must conduct housekeeping and operate to prevent the possibility of a spill, fire, or explosion. Hazardous waste containers and aboveground tanks must be labeled, closed and inspected. Signature on certification denotes compliance.

- 107 - Contingency Plan not established - CCR 66265.51(a)
- 202 - Business Plan established - CHSC 25503.5
- 203 - Business Plan not updated and/or submitted - CHSC 25505

A Business Emergency/Contingency Plan (BP) had not been established and submitted to this Division by U.S. Colloidal Technology, Inc. at the time of this inspection. During this inspection, I assisted Mr. Kim with a preliminary inventory of the hazardous materials above the regulatory threshold of 55-gallons, 500 pounds, 200 cubic feet of a compressed gas, and any amount of hazardous waste. The preliminary inventory was documented on the summary section of a BP. Mr. Kim understands that the BP prepared onsite during this inspection is incomplete as submitted. A complete inventory must be conducted and submitted on an updated BP. The Chemical Description Forms and copies of Material Data Safety Sheets for each hazardous material above threshold must be attached to the BP and forwarded to this Division. Additionally, a general description of the laboratory and a brief description of the type(s) and quantity of hazardous materials in the laboratory must be submitted.

Compliance Requirement:

Submit the original plus one copy of an updated Business Emergency/Contingency Plan. A copy will be forwarded to your local Fire Department from this office. Keep one copy onsite.

NOTICE OF VIOLATION: THE VIOLATIONS NOTED ABOVE MUST BE CORRECTED WITHIN 30 DAYS. FAILURE TO COMPLY MAY RESULT IN LEGAL ACTION. THE CERTIFICATE OF COMPLIANCE SHALL BE SUBMITTED WITHIN THE TIME PERIOD NOTED ABOVE.

Inspected By: Sign Name: Jose May Print Name: Jose May
 Received By: Sign Name: Scott Kim Print Name: Scott Kim
 Title: President
 Report Date: January 24, 2008



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SUPPLEMENTAL INSPECTION REPORT

Page 2 of 3

INSPECTION
DATE: **January 10, 2008**

FACILITY ID FA0010812	FACILITY NAME: U.S. Colloidal Technology, Inc.	FACILITY LOCATION: 9330 7th Street, Suite A, Rancho Cucamonga
Consent Granted by: <input checked="" type="checkbox"/> Inspect <input type="checkbox"/> Photograph	NAME Scott Kim	TITLE President/CEO

113 – Hazardous waste accumulation time has exceeded – CCR 66262.65.171

128 Manifests not retained for at least 3 years – CCR66262.40(c)

Approximately **1,500**-gallons of hazardous wastewater was onsite in a 4000-gallon aboveground tank. Mr. Kim stated that the wastewater is periodically hauled as a hazardous waste. Manifests for disposal were not available onsite to determine compliance with accumulation time requirements. Facility must remove all hazardous waste within 30 days.

Compliance Requirement:

Remove all hazardous waste within 30 days using a licensed hazardous waste hauler. SUBMIT copies of all disposal documents to this Division. Keep a copy of disposal documents onsite for three years.

Observation/Recommendation

Mr. Kim stated that no employees are currently on staff. Mr. Kim indicated that he plans to hire employees if his finances improve. Facilities must provide training to employees on all aspects of hazardous materials handling and emergency procedures. Regulatory requirements were provided to Mr. Kim during this inspection.

Submit a signed Certificate of Compliance accompanied by all required documentation within 30 days. Failure to comply may result in legal action.

Please contact this Division at (909) 386-8401 if there are any questions or concerns.

NOTICE OF VIOLATION: THE VIOLATIONS NOTED ABOVE MUST BE CORRECTED WITHIN 30 DAYS. FAILURE TO COMPLY MAY RESULT IN LEGAL ACTION. THE CERTIFICATE OF COMPLIANCE SHALL BE SUBMITTED WITHIN THE TIME PERIOD NOTED ABOVE.

Inspected By: Received By: Title: President

Sign Name: Jose May Sign Name: Scott Kim

Print Name: Jose May Print Name: Scott Kim Report Date: January 24, 2008

PHOTO NARRATIVE

PHOTO 1

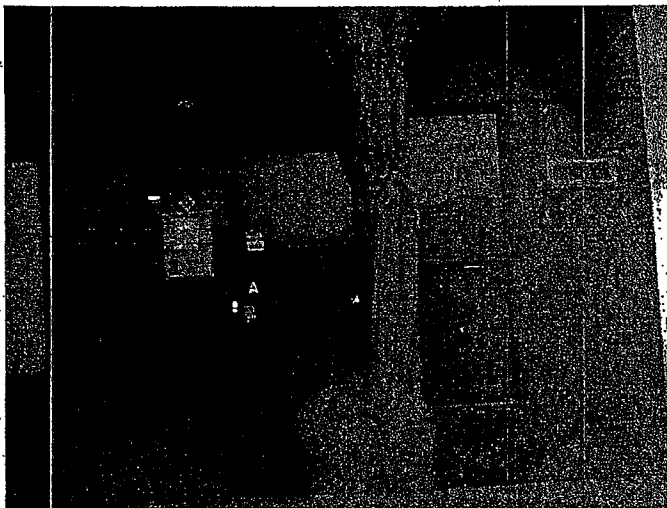
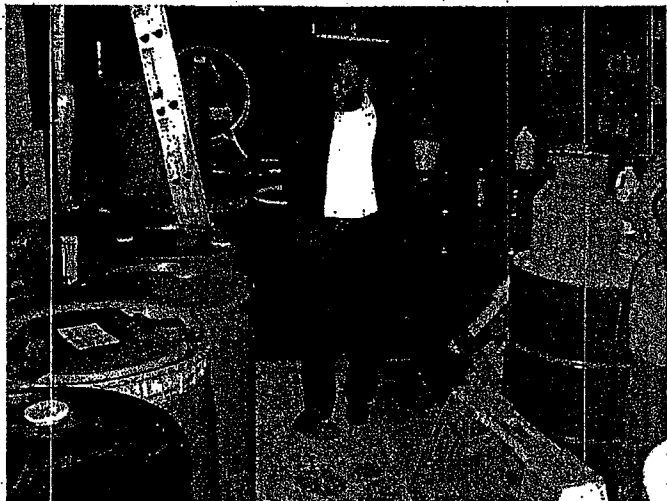


PHOTO 2



Facility/Case Name: **U.S. Colloidal Technology, Inc.**

Facility ID #: **FA0010812**

Address: **9330 7th Street Suite A, Rancho Cucamonga, CA 91730**

1) Description: **Front of facility.**

2) Description: **Mr. Scott Kim shown in this photo owns this facility. Mr. Kim is standing in the warehouse area. Product chemicals in 55-gallon drums and 50 pounds sacks are stored in the warehouse. The materials stored onsite are a combination of flammable materials, acids, caustics, and surfactants. Chemical compatibility and fire hazard issues were discussed.**

Date Taken: **January 10, 2008**

Taken By: **Jose May, REHS**

Signature: _____

PHOTO NARRATIVE

PHOTO 3

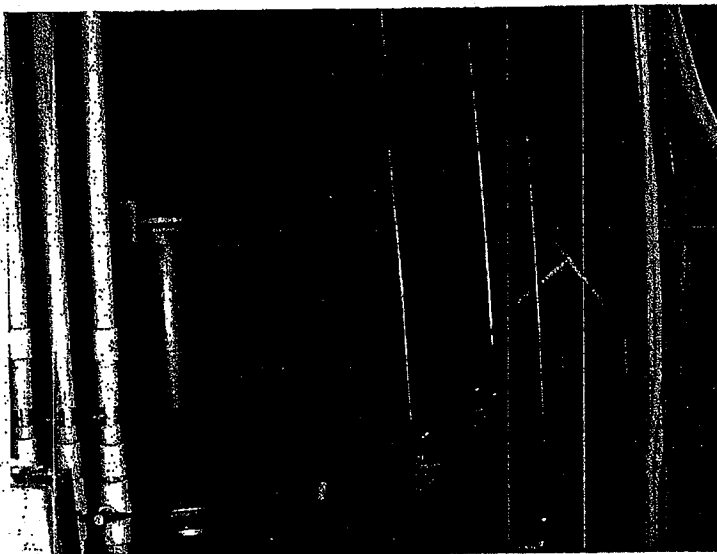


PHOTO 4



Facility/Case Name:

U.S. Colloidal Technology, Inc.

Facility ID #: **FA0010812**

Address:

9330 7th Street Suite A, Rancho Cucamonga, CA 91730

3) Description:

The production area is located at the north end of the warehouse. Process tanks varying in size from 4000-gallons to 250 gallons are located in this area. Mr. Kim stated that the tanks are empty with the exception of the wastewater tank and a 500-gallon final product tank.

4) Description:

Approximately 1500-gallons of wastewater remains onsite in the wastewater tank. Violation cited to properly dispose of the liquid using a hazardous waste hauler.

Date Taken:

January 10, 2008

Taken By:

Jose May, REHS

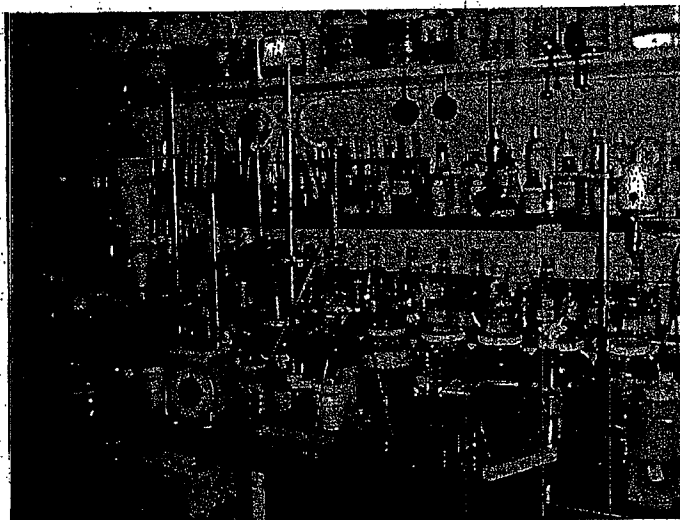
Signature: _____

PHOTO NARRATIVE

PHOTO 5



PHOTO 6



Facility/Case Name: **U.S. Colloidal Technology, Inc.**

Facility ID #: **FA0010812**

Address: **9330 7th Street Suite A, Rancho Cucamonga, CA 91730**

5) Description: **Facility has three laboratory areas.**

6) Description: **Operator instructed to submit an attachment to the Business Emergency/Contingency Plan providing a brief description of the types(s) and quantity of hazardous materials in the labs.**

Date Taken: **January 10, 2008**

Taken By: **Jose May, REHS**

Signature: _____



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CERTIFICATE OF COMPLIANCE

Page ____ of ____

Return Certification within 30 Days of Receipt to Inspector Jose May

In the Matter of Respondent: Scott Kim

Violation(s) cited on: January 10, 2008 FA #: FA0010812

Facility Name: U.S. Colloidal Technology, Inc.

Site Address: 9330 7th Street, Suite A

Certificate of Compliance Date: January 24, 2008

I certify under penalty of law that:

- Respondent has corrected the violations specified in the above-entitled action.
- I have personally examined any documentation attached to this certification to establish that the violations have been corrected.
- Based on my examination of the attached documentation and inquiry of the individuals, who prepared or obtained them, I believe the information to be true, accurate and complete.
- I am authorized to file this certification on behalf of the Respondent.
- I am aware there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.

Signature

Date

Printed or Typed Name

Title

Social Security/Federal ID Number

Drivers License/ID Number

Attach the following documentation when returning the Certificate of Compliance:

- 1) Submit permit fees for Hazardous Waste Generator Permit upon receipt of invoice.
 - 2) Submit the original plus one copy of a completed and signed Update to the Business Emergency/Contingency Plan for this facility. Keep one copy onsite at all times.
 - 3) Conduct housekeeping and hazardous materials storage practices to prevent a spill or release.
 - 4) Obtain an EPA Identification number and remove all hazardous waste within 30 days using a licensed hazardous waste hauler. **SUBMIT copies of all disposal documents to this Division.**
 - 5) Sign, date, and Submit the White copy of this Certificate of Compliance with all required documentation.
- Contact Jose May, Hazardous Materials Specialist II at this Division with questions regarding this inspection report. (909) 386-8401



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PRELIMINARY FIELD INSPECTION REPORT

Page 1 of 1

01-10-08

INSPECTION DATE: 10-10-08

FACILITY ID FA0010812	FACILITY NAME: U.S. COLLOIDAL TECHNOLOGY INC, Rancho Cucamonge, Ca.	FACILITY LOCATION: 9330 7th St. Ste A
Consent Granted by: <input checked="" type="checkbox"/> Inspect <input checked="" type="checkbox"/> Photograph	NAME SCOTT KIM, D. ENG.	TITLE PRESIDENT / CEO

The following is a preliminary list of violations observed at the time of inspection. The final report may list additional violations. Violations must be corrected within 30 days of receipt of the final report unless otherwise specified below.

- ① Failure to establish a Business Emergency Contingency Plan - CHSC 25503.5, CCR 66265.51(a)
- ② Failure to submit a Business Emergency Contingency Plan - CHSC 25505
- ③ Failure to operate/maintain facility to prevent a release or fire - CCR 66265.31

During this inspection I assisted Mr. Kim with completing a Business Emergency Contingency Plan. Mr. Kim understands that the Business Plan is incomplete as submitted on this date. A complete list of laboratory chemicals must be submitted. Additionally, copies of Material Safety Data Sheets must be submitted for the hazardous materials reported.

A complete report will be forwarded within 60 days. Contact Jose Ray with questions regarding this report. (909) 386-8401

Inspected By: Received By: Title: President
 Print Name: Jose Ray Sign Name: Scott Kim Report Date: 1/10/08
 Print Name: Scott Kim

Rancho Cucamonga Fire Protection District

10500 Civic Center Drive • Rancho Cucamonga, California 91730 • (909) 477-2770

INSPECTION REPORT / NOTICE TO CORRECT

11830

Business Address: 9330 7th St. Suite: A Inspection Date: 1-24-08
 Business Name: US Colloidal Contact: MR. KIM Phone: 481-5373
 Owner/Property Management: DAVIS PARTNERS/KAREN FISHER Phone: #
 Address: _____ City: _____ State: _____ Zip: _____

No.	✓	REQUIRED CORRECTIONS	NO.	LOCATION / REMARKS	
ACCESS					
A		1 Maintain fire lane free of obstructions.		4) Knox box required for the main entrance with facility keys/copies placed inside by Fire Inspector. Knox box to be ordered @ Fire Dept City Hall Lower Level. Style - Series 3200 or 4400	
		2 Provide fire lane identification.			
		3 Provide address numbers/building I.D. visible from street.			
		4 Provide approved key box/lock/switch and/or keys for fire dept. access.			
EXITING					
B		6 Remove obstructions at exits, doors, aisles, corridors, stairways, etc.		5) Rear exit is blocked. Remove obstructions. Clear aisles & cross aisles are required. Please submit an updated layout plan. Minimum 36" aisle width.	
		6 Exit door to open without a key or any special knowledge/effort.			
		7+ Provide sign over main exit door - "This door to remain unlocked during business hours".			
		8 Repair non-operable exit door hardware.			
		9 Remove obstructions from door required to be closed.			
		10 Remove locks/latches from doors with panic hardware.			
		11 Remove storage from unprotected stairway.			
		12 Provide/maintain exit sign/emergency lighting.			
FIRE EXTINGUISHERS					
C		13+ Have fire extinguisher(s) serviced and tagged.			
		14+ Provide/mount fire extinguisher as indicated.			
		15+ Provide clear access to fire extinguisher.			
		16+ Post a sign indicating fire extinguisher location.			
FIRE PROTECTION EQUIPMENT					
D		17 Maintain, repair, paint, inspect, and/or test sprinkler/standpipe system/hydrant/FDC/PIV.			
		18+ Maintain 3 ft. minimum clearance for access/use of fire appliances/equipment.			
		19 Secure all system control valves in the open position.			
		20 Replace damaged/painted/missing sprinkler heads/FDC caps.			
		21+ Provide 5 year certification test for sprinkler/standpipe system.			
		22 Provide sprinkler coverage in unprotected areas.			
		23+ Provide spare sprinkler heads (min. 6) and/or compatible wrench.			
		24+ Hood and duct extinguishing system to be serviced and tagged.			
		25+ Remove grease from hood, duct, and filters. (KEEP CLEAN)			
FIRE ALARM SYSTEMS					
E		26+ Maintain, repair, inspect, and/or test fire alarm system.			
		27+ Provide/maintain operable smoke detectors in each dwelling unit.			
FIRE SEPARATIONS					
F		28 Repair holes in required fire resistive construction.		12) Exit sign needed for rear exit.	
		29+ Provide/repair self or automatic closing fire rated assemblies.			
		30+ Keep attic access and scuttle openings closed.			
ELECTRICAL					
G		31+ Discontinue use of extension cords.		13) Fire extinguishers need annual service. Last service 2003. 15) Fire extinguishers to be mounted on aisles with signage.	
		32 Install permanent wiring for fixed and stationary appliances.			
		33+ Provide cover plates for all junction boxes. Provide spacers for electrical panel.			
		34 Remove exposed wiring or protect in approved conduit.			
		35+ Provide a 30 inch clear space to and in front of electrical panel.			
		36 Maintain wiring in good condition and protect from damage.			
FLAMMABLE LIQUIDS / COMPRESSED GASES					
H		37 Provide a flammable liquid storage cabinet or reduce storage to 10 gallons or less.		INSPECTION DATE: 1-24-08 INSPECTOR (PRINT): JPK/KR	
		38 Remove all flammable liquids not used for maintenance purposes.		Occupancy Class: <input type="checkbox"/> Updated Emergency Contact Information Form attached.	
		39 Store flammable liquids away from exits, stairs, or corridors.			
		40 Clean up spilled flammable liquid.		By order of the Fire Chief, you are hereby required to immediately make the corrections listed in this report and any attached continuation sheets or show cause why you should not be required to do so. Willful failure to comply with this notice is an infraction or misdemeanor. Violations which are not corrected immediately and/or remain after the re-inspection may be processed as a criminal / civil offense. Referenced code sections are listed on the reverse side of this form. A re-inspection will be conducted on or after 2-4-08	
		41 Replace lids on all flammable liquid storage containers not in immediate use.			
		42 Remove all fueled vehicles from dwelling units.			
		43 Secure compressed gas cylinders. Identify product name. <u>PROPANE</u>			
		44 Arrange storage in an orderly manner to provide access/egress.			
STORAGE/HOUSEKEEPING					
I		45 Remove combustible storage from boiler, mechanical, and electrical room.			
		46+ Reduce storage to 24 inches below ceiling or 18 inches below sprinkler heads.			
		47 Provide metal or approved non-combustible trash container with lid.			
		48 Remove lint/debris from behind washers and dryers.			
		49 Remove waste/rubbish materials from the premises.			
		50 Keep dumpsters 5 feet away from combustible walls, eaves, or openings.			
		51 Provide minimum 30 foot clearance between building and combustible vegetation.			
MISCELLANEOUS					
J		52 Other violations and comments.		Signature of Recipient: <u>Copies Site/Prop Man</u> <input type="checkbox"/> Owner <input type="checkbox"/> Manager <input type="checkbox"/> Employee <input type="checkbox"/> Other	
NO VIOLATIONS NOTED THIS DATE - THANK YOU FOR BEING FIRE SAFE!			Inspecting Officer: <u>Michelle Seckler</u>		
+ Self Certification Option - Complete and return Pink Copy			FSD: <u>2152</u> Company: _____ Shift: _____ Page: <u>1</u> of <u>1</u>		

Rancho Cucamonga Fire Protection District

10500 Civic Center Drive • Rancho Cucamonga, California 91730 • (909) 477-2770

INSPECTION REPORT / NOTICE TO CORRECT

11833

Business Address: 9330 7th St. Suite: A Inspection Date: 1-24-08
 Business Name: U.S. Colloidal Contact: MR. KIM Phone: _____
 Owner/Property Management: JAVIS PARTNERS Phone: _____
 Address: FAX 2044135 City: _____ State: _____ Zip: _____

No.	REQUIRED CORRECTIONS	NO.	LOCATION / REMARKS
ACCESS			
1	Maintain fire lane free of obstructions.	16	Signage for fire extinguishers to be visible from many locations.
2	Provide fire lane identification.		
3	Provide address numbers/building I.D. visible from street.		
4	Provide approved key box/lock/switch and/or keys for fire dept. access.		
EXITING			
5	Remove obstructions at exits, doors, aisles, corridors, stairways, etc.		
6	Exit door to open without a key or any special knowledge/effort.		
7+	Provide sign over main exit door - "This door to remain unlocked during business hours".		
8	Repair non-operable exit door hardware.	17	Fire Sprinkler System needs annual testing and documentation of 5 yr certification.
9	Remove obstructions from door required to be closed.		
10	Remove locks/latches from doors with panic hardware.		
11	Remove storage from unprotected stairway.		
12	Provide/maintain exit sign/emergency lighting.		
FIRE EXTINGUISHERS			
13+	Have fire extinguisher(s) serviced and tagged.	18	3' of clearance from all fire equipment including Inspector test valves.
14+	Provide/mount fire extinguisher as indicated.		
15+	Provide clear access to fire extinguisher.		
16+	Post a sign indicating fire extinguisher location.		
FIRE PROTECTION EQUIPMENT			
17	Maintain, repair, paint, inspect, and/or test sprinkler/standpipe system/hydrant/FDC/PIV.		
18+	Maintain 3 ft. minimum clearance for access/use of fire appliances/equipment.		
19	Secure all system control valves in the open position.		
20	Replace damaged/painted/missing sprinkler heads/FDC caps.		
21+	Provide 5 year certification test for sprinkler/standpipe system.		
22	Provide sprinkler coverage in unprotected areas.	21	Obtain documentation of fire sprinkler test 5 yr. certification. Contact Property Management for this info.
23+	Provide spare sprinkler heads (min. 6) and/or compatible wrench.		
24+	Hood and duct extinguishing system to be serviced and tagged.		
25+	Remove grease from hood, duct, and filters. (KEEP CLEAN)		
FIRE ALARM SYSTEMS			
26+	Maintain, repair, inspect, and/or test fire alarm system.		
27+	Provide/maintain operable smoke detectors in each dwelling unit.		
FIRE SEPARATIONS			
28	Repair holes in required fire resistive construction.		
29+	Provide/repair self or automatic closing fire rated assemblies.		
30+	Keep attic access and scuttle openings closed.		
ELECTRICAL			
31+	Discontinue use of extension cords.		
32	Install permanent wiring for fixed and stationary appliances.		
33+	Provide cover plates for all junction boxes. Provide spacers for electrical panel.		
34	Remove exposed wiring or protect in approved conduit.		
35+	Provide a 30 inch clear space to and in front of electrical panel.		
36	Maintain wiring in good condition and protect from damage.		
FLAMMABLE LIQUIDS & COMPRESSED GASES			
37	Provide a flammable liquid storage cabinet or reduce storage to 10 gallons or less.		
38	Remove all flammable liquids not used for maintenance purposes.		
39	Store flammable liquids away from exits, stairs, or corridors.		
40	Clean up spilled flammable liquid.		
41	Replace lids on all flammable liquid storage containers not in immediate use.		
42	Remove all fueled vehicles from dwelling units.		
43	Secure compressed gas cylinders. Identify product name.		
STORAGE / HOUSEKEEPING			
44	Arrange storage in an orderly manner to provide access/egress.		
45	Remove combustible storage from boiler, mechanical, and electrical room.		
46+	Reduce storage to 24 inches below ceiling or 18 inches below sprinkler heads.		
47	Provide metal or approved non-combustible trash container with lid.		
48	Remove lint/debris from behind washers and dryers.		
49	Remove waste/rubbish materials from the premises.		
50	Keep dumpsters 5 feet away from combustible walls, eaves, or openings.		
51	Provide minimum 30 foot clearance between building and combustible vegetation.		
MISCELLANEOUS			
52	Other violations and comments.		
NO VIOLATIONS NOTED THIS DATE - THANK YOU FOR BEING FIRE SAFE!			

INSPECTION DATE: 1-24-08 INSPECTOR (PRINT): Seckler

Initial Inspection: _____
 Occupancy Class: _____ Updated Emergency Contact Information form attached.

By order of the Fire Chief, you are hereby required to immediately make the corrections listed in this report and any attached continuation sheets or show cause why you should not be required to do so. Willful failure to comply with this notice is an infraction or misdemeanor. Violations which are not corrected immediately and/or remain after the re-inspection may be processed as a criminal / civil offense. Referenced code sections are listed on the reverse side of this form.
 A re-inspection will be conducted on or after 2-4-08

Signature of Recipient: Copies left on site + Prop Mgr
 Owner Manager Employee Other

Inspecting Officer: Michelle Seckler
 FSD# 2152 Company: _____ Shift: _____ Page 2 of 4



Rancho Cucamonga Fire Protection District
Fire Safety Division
Fire Prevention Bureau

Building Address 9330 W. St. Ste. A
Incident No. 11830/10979

- (31) Extension Cords to be removed. Dangerous temp.
- (32) Lights set up & connected with wire nuts.
- (33) Light weight extension cords need to be removed from Commercial Occupancy. Surge Protector type Power strips recommended for temporary use of coffee makers - example.
- (35) Electrical Panel needs 30" of clear access for emergency responders to gain access to electrical breakers.
Remove combustibles away from this area also.
- (36) Electrical cords running through path of travel. Remove cords.
- (37) This location is very disorganized and flammable liquids are in excess of storage amounts. No flammable liquid cabinets on site. Chemicals stored on book shelves. Provide flammable liquid cabinets for more than 10 gallons of storage.
- (38) All flammable liquids need proper cabinet storage. Away from exits & aisles.
- (41) All chemicals on site need to be stored in proper compatible storage containers to the type of chemical with tight fitting lids. All chemicals must be properly labeled with name. Material Safety Data Sheets are required for each chemical on site.

By Order of the Fire Chief
Authority RC Ordinance 39

SIGNATURE: Owner/Representative

Inspected by
Michelle Seckler FFS II 1-24-08
Name Title Date
And Jose May REHS County FDI 2408
Name Title Date

Date



Rancho Cucamonga Fire Protection District
Fire Safety Division
Fire Prevention Bureau

Building Address

9330 Th. St. Ste A

Incident No.

11830/10979

(43) Propane containers/outleters need to be stored/secured away from exits, aisles, combustibles and incompatibles.

(44) This facility needs to have a consultant draw up a floor plan determining aisles, exits, chemical inventory with quantities, and needs to be done immediately. Consultant to be hired by Saturday.

Consultant to have inventory on Monday 2/4/08

(52) Secondary Containment is needed for all
 • Above ground storage tanks
 • 55 gal drums
 • Other chemicals

(52) Emergency Shower/eye wash and spill kits are required.

(52) Consultant must also evaluate Air Exchange. # exchanges per hour required for lab.

(52) Fire Dept Permits will be required for
 • Flammable liquids
 • Hazardous materials
 • LPG storage

Will process Application after the Hazard Assessment is completed and clean-up in progress.

By Order of the Fire Chief
Authority RC Ordinance 39

Inspected by

Michelle Seckler FPSTL 1-24-08

Name

Title

Date

And

Name

Title

Date

Date

SIGNATURE: Owner/Representative

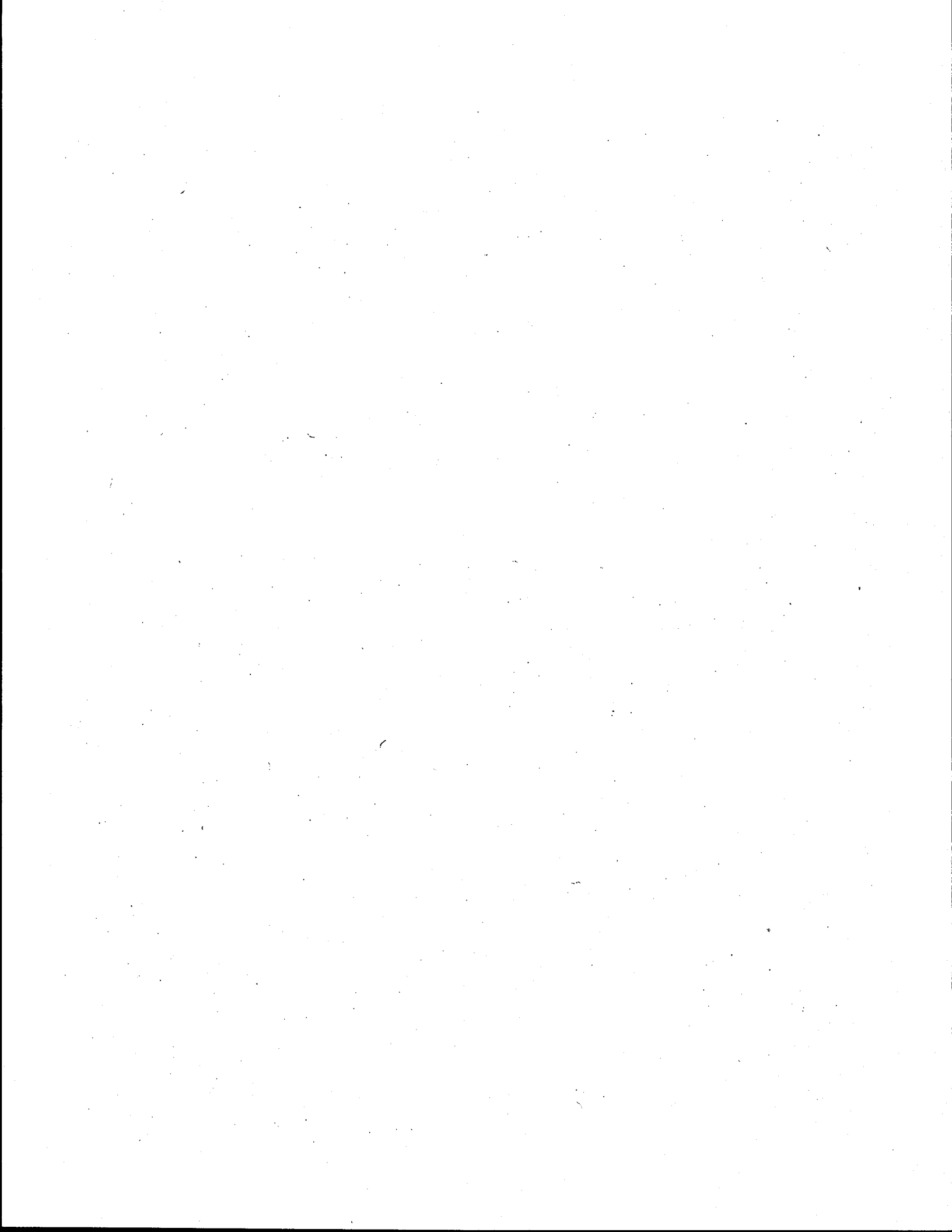
Came from Tank 3 24,000 gal
 See Instructions on back of page 6.

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

GENERATOR FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. CA121010102210171818	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address ECOCLOGY TECH OF CALIF 9330 7TH STREET SUITE A, RINCHO CEMNGA, CA 91730 4. Generator's Phone 909/476-1061 EMERGENCY CONTACT: BOX 15			A. State Manifest Document Number 21823123		
5. Transporter 1 Company Name ECOCLOGY CONTROL IND. 6. US EPA ID Number CA1D1982103011713			B. State Generator's ID		
7. Transporter 2 Company Name			C. State Transporter's ID (Reserved)		
9. Designated Facility Name and Site Address DEMENNO/KERDOON 2000 N. ALAMEDA STREET COMPTON, CA 90222 10. US EPA ID Number CA1210181011331512			D. Transporter's Phone 909-355-5601		
			E. State Transporter's ID (Reserved)		
			F. Transporter's Phone		
			G. State Facility's ID CA1210181011331512		
			H. Facility's Phone 310-537-7100		
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers No. Type	13. Total Quantity	14. Unit Wt/Vol	15. Waste Number State EPA/Other State EPA/Other State EPA/Other
a. SOAP AND WATER, NON RCRA HAZARDOUS WASTE LIQUID		1 1 T T	2600	gal	563, 343 NONE
b.					
c.					
d.					
J. Additional Descriptions for Materials Listed Above		K. Handling Codes for Wastes Listed Above			
11a. 217986: SOAP AND WATER COMPOUND 100%		B, O, I			
15. Special Handling Instructions and Additional Information WEAR APPROPRIATE PROTECTIVE GEAR WHEN HANDLING. EMERGENCY CONTACT: CHEMTREC: 1-800-424-9300. CALLER MUST IDENTIFY UNIVAR USA AS SHIPPER. PLACARDS PROVIDED BY CARRIER/SHIPPER YES/NO DRIVER SIGNATURE _____					
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 OLEG IVASCHUK		Signature <i>[Signature]</i>		Month Day Year 11/12/00	
17. Transporter 1 Acknowledgment of Receipt of Materials Printed/Typed Name MARIO CORREA		Signature <i>[Signature]</i>		Month Day Year 11/01/02	
18. Transporter 2 Acknowledgment of Receipt of Materials Printed/Typed Name		Signature		Month Day Year	
19. Discrepancy Indication Space QUANTITY DISCREPANCY GREATER THAN 10% VARIATION RECONCILED WITH GENERATOR/TRANSPORTER ON 11/01/02 WITH <i>[Signature]</i> OF ECI RECEIVED 26610 GALLONS					
20. Facility Owner or Operator Certification of receipt of hazardous materials contained by this manifest except as noted in Item 19 Printed/Typed Name <i>[Signature]</i>		Signature <i>[Signature]</i>		Month Day Year 11/01/02	

DO NOT WRITE BELOW THIS LINE.





"Seckler, Michelle"
<Michelle.Seckler@cityofrc.us>

03/18/2008 05:42 PM

To "May, Jose" <jmay@sbcfire.org>, <Dparkison@sbcisd.org>,
"Jun, Hank" <hjun@da.sbcounty.gov>, Craig
Benson/R9/USEPA/US@EPA
cc "Ball, Robert" <Robert.ball@cityofrc.us>

bcc

Subject FW: 9330 7th St "A"

Please add additional report to your file.
Thank You, Michelle

Michelle Seckler
Fire Prevention Specialist II
Rancho Cucamonga Fire Protection District
PO Box 807
Rancho Cucamonga, CA 91729
(909) 477-2770 ext 3078
(909) 919-2901 fax
Michelle.Seckler@ci.rancho-cucamonga.ca.us

From: Brown, Jack
Sent: Tuesday, March 18, 2008 5:39 PM
To: Seckler, Michelle
Subject: 9330 7th St "A"

Jack Brown Jr
Senior Building Inspector
Department of Building & Safety
City of Rancho Cucamonga
10500 Civic Center Drive
Rancho Cucamonga, Ca. 91729-0807
Ph. (909) 477-2710 Ext. 4219
Fax (909) 477-2711
E-mail Jbrown@cityofrc.us



Incident Report for 9330 7th St.doc

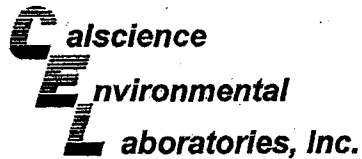
Incident Report for 9330 7th St "A"
March 18, 2008

Building and Safety received a request on 3/17/2008, from Rancho Cucamonga Fire District to provide a building inspector at the above address, to determine if building code violations exist.

Jack Brown, senior building inspector, responded and an inspection revealed following violations of the California Building Code and 2007 California Electric Code.

The violations are:

1. Use of flexible cords in lieu of permanent wiring methods, Art. 400.8(1) & (8), 2007 Calif. Electrical Code. (C.E.C.)
2. Disconnects shall be within sight of motors. Art. 430.102(b) 2007 C.E.C.
3. Use of conduit bodies for wire splices shall comply with Art.314.16(c) (2) 2007 C.E.C.
4. Cord drops from overhead boxes are required to have strain relief. Art.400.10 2007 C.E.C.
5. Support all electrical metallic conduit three feet from boxes and ten feet on center thereafter. Art. 358.30(a)&(b)
6. Remove pendant light fixture that is secured to copper water line above. Fixture wires are required to be made up in a listed junction box. Art.300.15 2007 C.E.C.
7. Provide thirty-six inch clearance in front of and thirty inch width clearance. Art. 110.26(A) (1) & (2) 2007 C.E.C.
8. Electrical permits required for additional motors installed.
9. Provide connected load on panel "A".
10. Rear exit door is blocked by boxes and other product.
11. Tenant is requested to contact Fire Construction Services, Department of Building and safety, to determine if the nature of the manufacturing process will meet the occupancy group of the building and all fire, life, safety requirements.



March 20, 2008

Marilu Escher
Centrum Analytical Laboratories, Inc.
1401 Research Park Drive
Suite 100
Riverside, CA 92507-2111

Subject: **Calscience Work Order No.: 08-03-1664**
Client Reference: U.S. Colloidal / 31028

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 3/19/2008 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of subcontracted analysis, if any, is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

A handwritten signature in black ink, appearing to read "S. Nowak", is written over a horizontal line.

Calscience Environmental
Laboratories, Inc.
Stephen Nowak
Project Manager

CA-ELAP ID: 1230

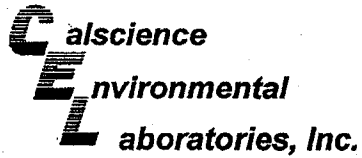
NELAP ID: 03220CA

CSDLAC ID: 10109

SCAQMD ID: 93LA0830

7440 Lincoln Way, Garden Grove, CA 92841-1427 • TEL: (714) 895-5494 • FAX: (714) 894-7501

A handwritten signature in black ink, appearing to read "Stephen Nowak", is written over a horizontal line.



Analytical Report

Centrum Analytical Laboratories, Inc.
1401 Research Park Drive
Suite 100
Riverside, CA 92507-2111

Date Received: 03/19/08
Work Order No: 08-03-1664
Preparation: N/A
Method: EPA 1010A(M)

Project: U.S. Colloidal / 31028

Page 1 of 1

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
080318-5	08-03-1664-1-A	03/18/08 12:09	Oil	N/A	N/A	03/19/08 13:00	80319FPD2

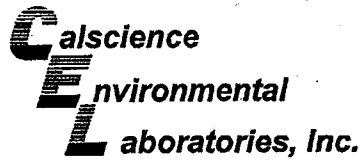
Parameter	Result	RL	DF	Qual	Units
Ignitability	>212	70	1		°F

080318-6	08-03-1664-2-A	03/18/08 12:15	Oil	N/A	N/A	03/19/08 13:00	80319FPD2
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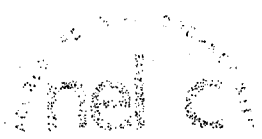
Parameter	Result	RL	DF	Qual	Units
Ignitability	>212	70	1		°F

RL - Reporting Limit DF - Dilution Factor Qual - Qualifiers

7440 Lincoln Way, Garden Grove, CA 92841-1427 • TEL:(714) 896-5494 • FAX: (714) 894-7501



Quality Control - Duplicate



Centrum Analytical Laboratories, Inc.
 1401 Research Park Drive
 Suite 100
 Riverside, CA 92507-2111

Date Received: 03/19/08
 Work Order No: 08-03-1664
 Preparation: N/A
 Method: EPA 1010A(M)

Project: U.S. Colloidal / 31028

Quality Control Sample ID	Matrix	Instrument	Date Prepared:	Date Analyzed:	Duplicate Batch Number
080318-6	Oil	N/A	N/A	03/19/08	80319FPD2

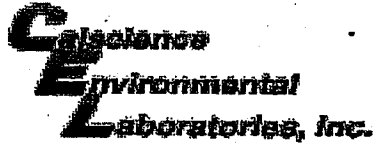
Parameter	Sample Conc	DUP Conc	RPD	RPD CL	Qualifiers
Ignitability	>212	>212	0	0-25	

RPD - Relative Percent Difference, CL - Control Limit

Glossary of Terms and Qualifiers

 Work Order Number: 08-03-1664

<u>Qualifier</u>	<u>Definition</u>
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.



WORK ORDER #: 08 - 03 - 1664

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: Centrum

DATE: 03/19/08

TEMPERATURE - SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

- Chilled, cooler with temperature blank provided.
Chilled, cooler without temperature blank.
Chilled and placed in cooler with wet ice.
Ambient and placed in cooler with wet ice.
Ambient temperature.
°C Temperature blank.

LABORATORY (Other than Calscience Courier):

- °C Temperature blank.
3.1 °C IR thermometer.
Ambient temperature.

Initial: [Signature]

CUSTODY SEAL INTACT:

Sample(s): Cooler: No (Not Intact): Not Present: [check] Initial: [Signature]

SAMPLE CONDITION:

Table with 3 columns: Yes, No, N/A. Rows include Chain-Of-Custody document(s), Sampler's name, Sample container label(s), Sample container(s) intact, Correct containers and volume, Proper preservation, VOA vial(s) free of headspace, Tedlar bag(s) free of condensation.

Initial: [Signature]

COMMENTS:

Blank lines for handwritten comments.

Client: SBC/Fire Dept/Haz Mat
620 S. "E" Street
San Bernardino, CA 92415-0153

Date Sampled: 3/18/2008
Date Received: 3/18/2008
Job Number: 31028

Project: U.S. Colloidal

CASE NARRATIVE

The following information applies to samples which were received on 03/18/08:

The samples were received at the laboratory chilled and sample containers were intact.

Unless otherwise noted below, the Quality Control acceptance criteria were met for all samples for every analysis requested. The date of issue for this report is xx/xx/xx.

Report approved by:

Robert R. Clark, PhD
Technical Director

ELAP Lab# 2419, 2479, 2527, 2373, 2562, 2122,

RL: Reporting Limit -- The lowest level at which the compound can be reliably detected under normal laboratory conditions.
ND: Not Detected -- The compound was analyzed for, but was not found to be present at or above the Reporting Limit.
NA: Not Analyzed -- This compound was not on the list of compounds requested for analysis.

QC Sample Report - General Chemistry

Matrix: Liquid

pH by EPA 9041A Sample Duplicate Results

Batch Number: 9041W0948

Sample Duplicate ID: 080318-6

Analytical Notes:

Analysis	Sample Result (mg/L)	Sample Duplicate Result (mg/L)	Relative Percent Difference (RPD)	RPD Acceptance Limit	Pass/Fail
pH	<1.0	<1.0	0%	20%	Pass

QC Sample Report - General Chemistry

Matrix: Water

pH by EPA 9040B Sample Duplicate Results

Batch Number: 9040W0949

Sample Duplicate ID: 080318-4

Analytical Notes:

Analysis	Sample Result (mg/L)	Sample Duplicate Result (mg/L)	Relative Percent Difference (RPD)	RPD Acceptance Limit	Pass/Fail
pH	7.644	7.621	0%	20%	Pass

Metals by EPA 6010B and EPA 7470A

Client: SBC/Fire Dept/Haz Mat
 Project: U.S. Colloidal
 Job No: 31028
 Matrix: Water
 Analyst: TLB

Date Sampled: 3/18/2008
 Date Received: 3/18/2008
 Date Digested: 3/19/2008
 Date Analyzed: 3/19/2008
 Batch Number: 6010W4262
 7470W1724

Metals	Method #	Sample ID: Blank	RL	mg/L	mg/L
Antimony	6010B		0.10	ND	0.238
Arsenic	6010B		0.020	ND	ND
Barium	6010B		0.010	ND	0.044
Beryllium	6010B		0.010	ND	ND
Cadmium	6010B		0.010	ND	ND
Chromium	6010B		0.010	ND	0.036
Cobalt	6010B		0.010	ND	ND
Copper	6010B		0.020	ND	0.046
Lead	6010B		0.020	ND	ND
Molybdenum	6010B		0.10	ND	ND
Nickel	6010B		0.020	ND	0.161
Selenium	6010B		0.10	ND	ND
Silver	6010B		0.040	ND	ND
Thallium	6010B		0.20	ND	ND
Vanadium	6010B		0.10	ND	ND
Zinc	6010B		0.20	ND	0.477
Mercury	7470A		0.004	ND	ND

QC Sample Report - Metals by EPA 6010B and EPA 7470A

Sample Matrix: Water

Metals by EPA 6010B

Analytical Batch #: 6010W4262

Spike Sample ID: Laboratory Control Sample

MS/MSD Sample ID: 31024-2

Analytical Notes:

Compound	Batch Accuracy Results:				Batch Precision Results:				
	Spike Concentration (mg/L)	Spike Sample % Recovery	% Recovery Acceptance Limits	Pass/Fail	MS Sample Result (mg/L)	MSD Sample Result (mg/L)	Relative Percent Difference (RPD)	RPD Acceptance Limits	Pass/Fail
Antimony	1.0	100	75 - 125	Pass	1.064	1.074	1%	20%	Pass
Arsenic	1.0	94	75 - 125	Pass	1.041	1.028	1%	20%	Pass
Barium	1.0	96	75 - 125	Pass	1.032	1.010	2%	20%	Pass
Beryllium	1.0	95	75 - 125	Pass	0.995	1.009	1%	20%	Pass
Cadmium	1.0	94	75 - 125	Pass	0.915	0.929	1%	20%	Pass
Chromium	1.0	95	75 - 125	Pass	0.955	0.963	1%	20%	Pass
Cobalt	1.0	95	75 - 125	Pass	0.925	0.933	1%	20%	Pass
Copper	1.0	96	75 - 125	Pass	0.977	0.981	0%	20%	Pass
Lead	1.0	93	75 - 125	Pass	0.926	0.950	3%	20%	Pass
Molybdenum	1.0	93	75 - 125	Pass	0.951	0.967	2%	20%	Pass
Nickel	1.0	97	75 - 125	Pass	0.949	0.954	0%	20%	Pass
Selenium	1.0	95	75 - 125	Pass	0.981	0.999	2%	20%	Pass
Silver	1.0	93	75 - 125	Pass	0.962	0.964	0%	20%	Pass
Thallium	1.0	91	75 - 125	Pass	0.902	0.950	5%	20%	Pass
Vanadium	1.0	95	75 - 125	Pass	0.972	0.981	1%	20%	Pass
Zinc	1.0	104	75 - 125	Pass	1.010	1.034	2%	20%	Pass

Mercury by EPA 7470A

Batch Number: 7471S1635

Spike Sample ID: Laboratory Control Sample

MS/MSD Sample ID: 30262-5

Analytical Notes:

Compound	Batch Accuracy Results				Batch Precision Results				
	Spike Concentration (mg/L)	Spike Sample % Recovery	% Recovery Acceptance Limit	Pass/Fail	MS Sample Result (mg/L)	MSD Sample Result (mg/L)	Relative Percent Difference (RPD)	RPD Acceptance Limit	Pass/Fail
Mercury	5.00	92	75 - 125	Pass	0.384	0.383	0%	20%	Pass

MS: Matrix Spike

LCS: Laboratory Control Sample

MSD: Matrix Spike Duplicate

LCSD: Laboratory Control Sample Duplicate