

PRETREATMENT Enforcement

Dan Tonello
Wastewater Services Manager
City of Grand Junction



Enforcement Actions

- 1995 – Septic Hauler (Wife)
- 1998 – Swede Custom Chrome (Ex-Emp)
- 1999 – Plating Specialties (Ex-Emp)
- 2001 – Luxury Wheels Plating (Ex-Emp)
- 2002 – Chemical Specialties (City Staff)
- 2004 – Grand Mesa Radiator (Ex-Emp)

Hidden Floor Drains



Waste Glycol Discharge to River



Storm Outfall – Waste Glycol Impact



Waste Carbon/Glycol Discharge



PLATING AREA



? Housekeeping ?



Nitrogen Dioxide Gas Cloud




Things Common in All Cases

- Ex-Employee supplied information
- Water Usage/Evaporation Rate didn't add up
- Plating Facility doesn't produce sludge
- Employee not familiar with treatment equipment



What Has Helped

- Talk to employees when performing inspections. Be friendly, know their name.
 - If you suspect something, validate your suspicions.
 - Obtain as much information as possible independent of the industry's knowledge: Water consumption, equipment capabilities and samples.
- 
- Decorative graphic of concentric circles representing water ripples, located in the bottom right corner of the slide.

Tools

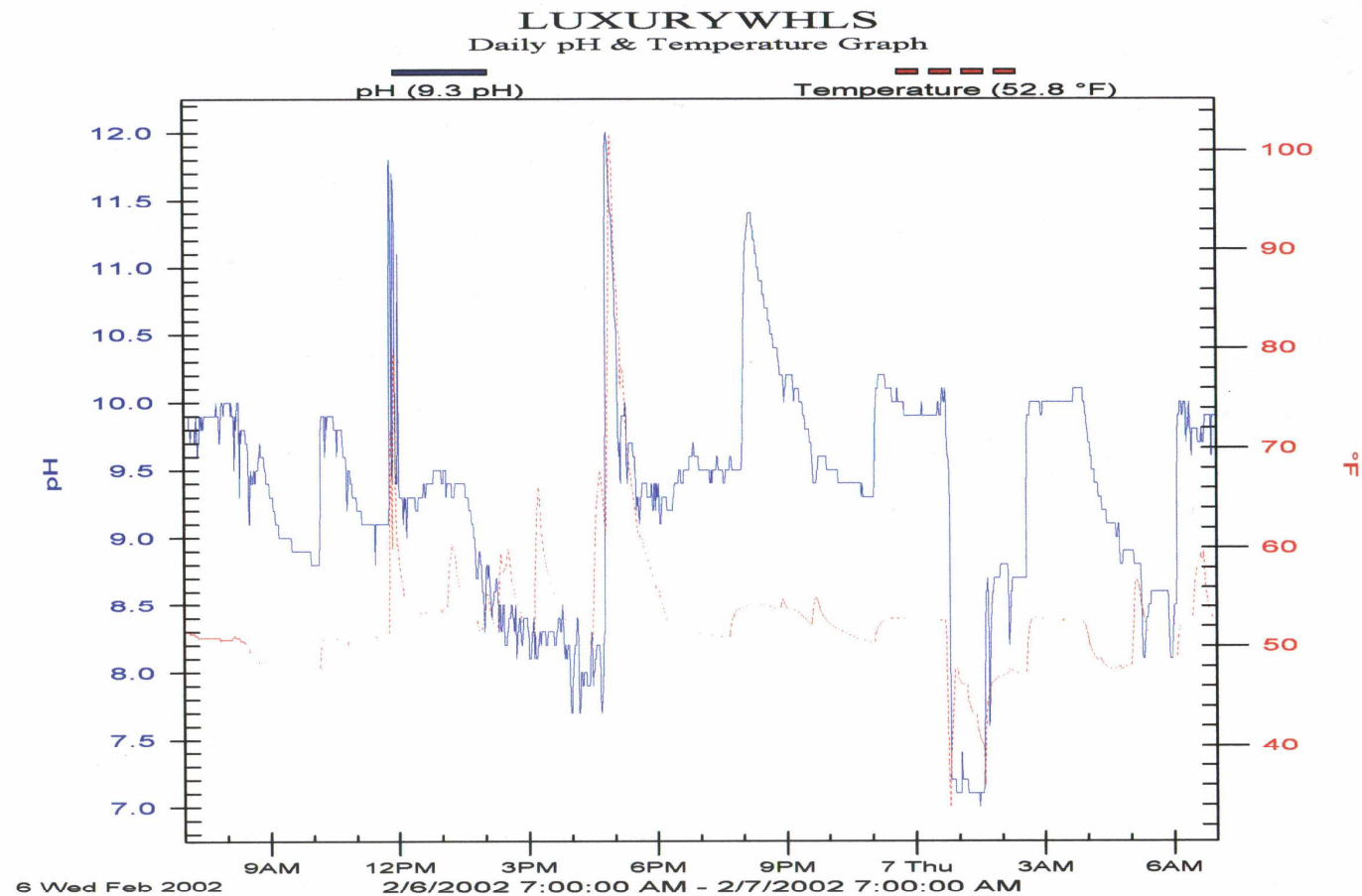
- pH, temp or flow activated sampler
- Video footage of facility's tap
- GIS mapping of sewer system
- A good sample site
- Ability to safeguard sampler



Isco Sampler



Sampler Data



Samples Collected



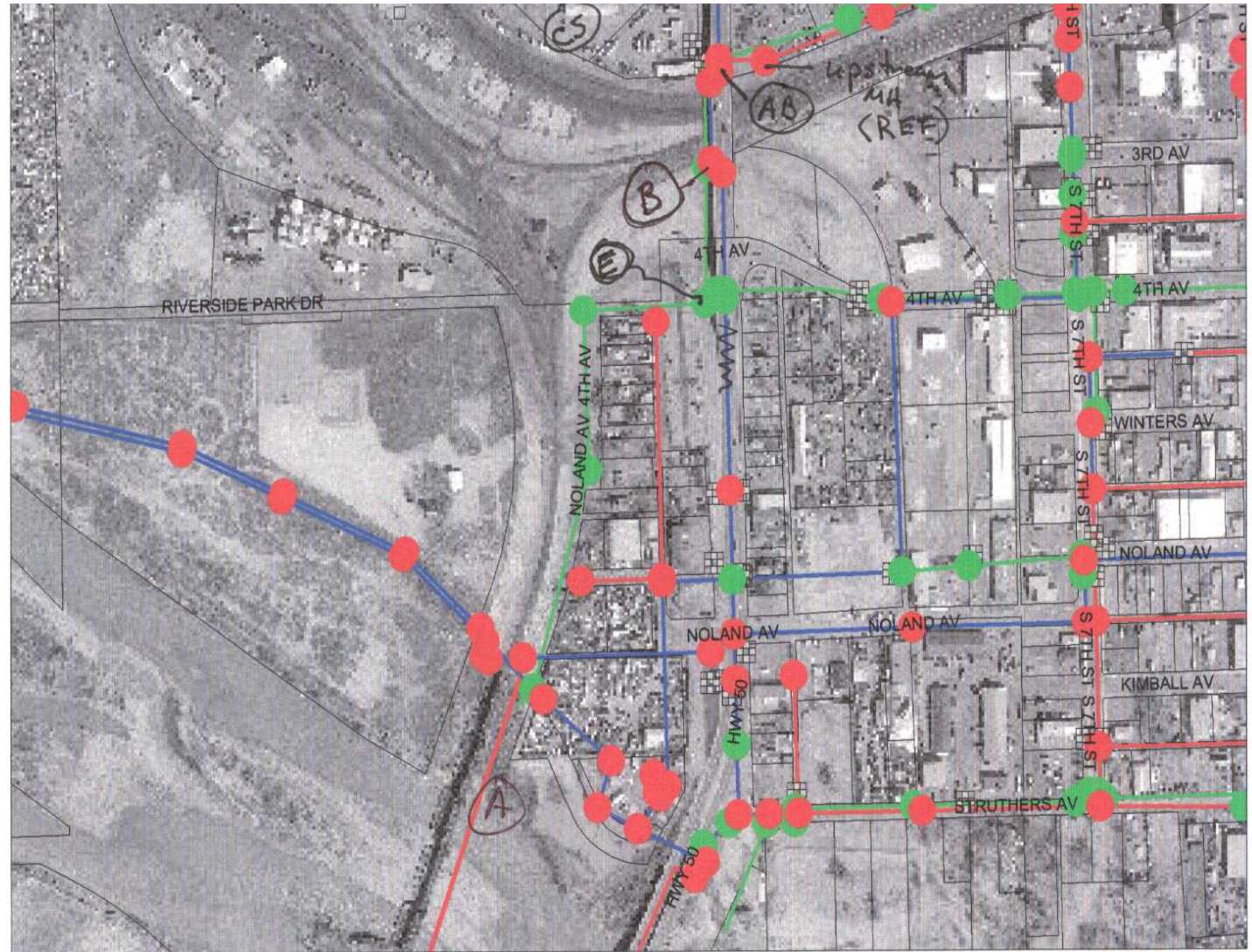
Video Footage



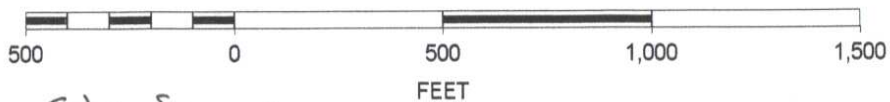
Paint Discharge



NITARY MANHOLES
 MBINED SANITARY MANHOLES
 ORM MANHOLES
 TCH BASINS
 RIGATION GATES
 TCH BASIN LATERALS
 RCE MAINS
 RCE MAINS-NOT SURVEYED
 MBINED SEWER
 NITARY SEWER
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 Orchard Mesa



SCALE 1 : 5,656



- Storm Sewer / MH
Combined Sewer

(CS) - Chemical Specialties

(REF) - Upstream MH from
MH AB

(A) Storm Sewer Outlet

(B) Storm Sewer MH next to Bridge
Support

(E) Storm Sewer MH @
5th St. on Ramp





SCALE 1 : 510

July
1 - Sample Box - Pm 2002
C. C. 1 - Oct 2002

6 - 65^N Sewer Line
" " " "

Persigo Biosolids mg/kg dry

	<u>Nickel</u>	<u>Chromium</u>
➤ 2 nd Qtr 2001	142	122
➤ 3 rd Qtr 2001	151	159
➤ 4 th Qtr 2001	140	104
➤ 1st Qtr 2002	240	200

➤ 2 nd Qtr 2002	30	51
➤ 3 rd Qtr 2002	28	47
➤ 4 th Qtr 2002	23	48

Ability to Safeguard Sampler



Safety



NIOSH IDLH Levels

➤ Toxic Gas	IDLH Concentration (ppm)	
➤ Sulfur Dioxide	100	
➤ Hydrogen Sulfide	100	
➤ Nitrogen Dioxide	50	
➤ Hydrogen Cyanide	50	
➤ Phosphine	50	
➤ Chlorine	30	(WWI)
➤ Phosgene	2	Mustard Gas
➤ Nickel Carbonyl Gas	2	

- IDLH = Immediately Dangerous to Life and Health

Publicity

- When you are successful in catching an illegal discharger, get as much publicity as possible, it helps to serve as a deterrent for others .

Menu**News**[Obituaries](#)[Opinion](#)[The Blotter](#)[Photos](#)**Sports**[Preps](#)[College](#)[Professional](#)[Outdoors](#)**Features**[Out & About](#)[Entertainment](#)[Games](#)[Food](#)[You said it!](#)[Announcements](#)**Health**[Archives](#)**Money**[Stocks](#)[Lottery](#)**Weather**[National](#)**Classifieds**[Employment](#)[Real Estate](#)[Automotive](#)[Merchandise](#)**Shop&Save**[Advertisers](#)**How To**[Call us](#)[Subscribe](#)**News****12.19.03 Plant's drains plugged for good***By MARIJA B. VADER The Daily Sentinel*

The drains at Luxury Wheels will be permanently plugged as of Jan. 10.

The plugged drains are the consequence of Luxury Wheels exceeding its legal discharge limit of nickel and pH, violating the company's permit under the Clean Water Act.

At its River Road plant, Luxury Wheels uses chemical and electrical processes to plate metal wheels with chrome.

Staff at the city of Grand Junction discovered the infractions earlier this year. They conducted a hearing and found the business guilty of the violations.

The only way Luxury Wheels could have appealed the decision was to ask the Grand Junction City Council to review the city staff's decision in a new hearing. The business asked the council to do that in early December.

The City Council decided earlier this month not to rehear the case.

This is the third time Luxury Wheels' discharge has violated its permit limits, and the company was fined \$15,000 by the city. Luxury Wheels also must reroute its sewer pipes to a sampling station to make sure the company does not flush the industrial waste, said Mark Relph, city public works director.

The city will install a sampler Jan. 12, allowing city employees to sample Luxury Wheels' rest-room discharges for pH, heavy metals and other chemicals, Relph said.

Once the sampling station is installed, a city employee at the Persigo wastewater-treatment plant will be able to take a sample by pushing a button at the sewer plant, Relph said.

The company's pipes have been temporarily plugged since Oct. 20, when the city's hearing began. With the City Council's decision to not rehear the case, Luxury Wheels must permanently plug their own drains.

Luxury Wheels also is under investigation by the federal government for exceeding limits of its discharge permit.

**Real
Estate
Wheel**
[Click here](#)

THE DAILY SENTINEL

AUGUST 13, 2004 ■ GRAND JUNCTION, COLORADO

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Feds indict GJ businessman

By **MARIA B. VADER** and **ERIN MCINTYRE**
The Daily Sentinel

A Grand Junction man and the business he managed dumped pollutants into the city sewer system several times over more than four years, violating the Clean Water Act, a federal grand jury said in a 13-count indictment delivered late Wednesday.

Luxury Wheels O.E. Plating Inc. and its operations manag-

Chemicals dumped into river for 4½ years, grand jury says

er, 42-year-old A. David Hajduk, knowingly and negligently dumped electroplating chemicals into the sewer system from May 1999 to September 2003, the grand jury said, according

to the U.S. Attorney's Office.

The indictment by the grand jury allows the government to formally charge Hajduk and the corporation for the alleged offense.

The indictment charges Hajduk with conspiracy, negligent discharge violating the Clean Water Act and nine counts of knowingly violating the Clean Water Act. His possible penalties add up to nine years in federal prison if he's convicted, and a fine of up to \$500,000 plus \$50,000 for each day of violation.

Luxury Wheels could be fined

See **DUMPED**, page 5A ➤

Man, business plead not guilty to federal charges

Free Press Staff Report

A Grand Junction man and business pleaded not guilty Wednesday in Denver to charges of illegally dumping pollutants into the city of Grand Junction's sewer system over four years.

Albert David Hajduk, 42, and attorneys representing Luxury Wheels O.E. Plating Inc., 1440 Winters Ave. in Grand Junction, were advised Wednesday in federal court of a 13-count indictment, including one count of conspiracy, one count of negligent discharge violating the Clean Water Act and nine counts of knowingly violating the Clean Water Act.

A status review in the case is scheduled for Sept. 22 before Judge Lewis Babcock.

Hajduk and Luxury Wheels were indicted by a federal grand jury Aug. 12 for allegedly discharging various chemicals, including acids, caustics and other metals, between May 1999 and September 2003.

Luxury Wheels operated its own water-treatment plant

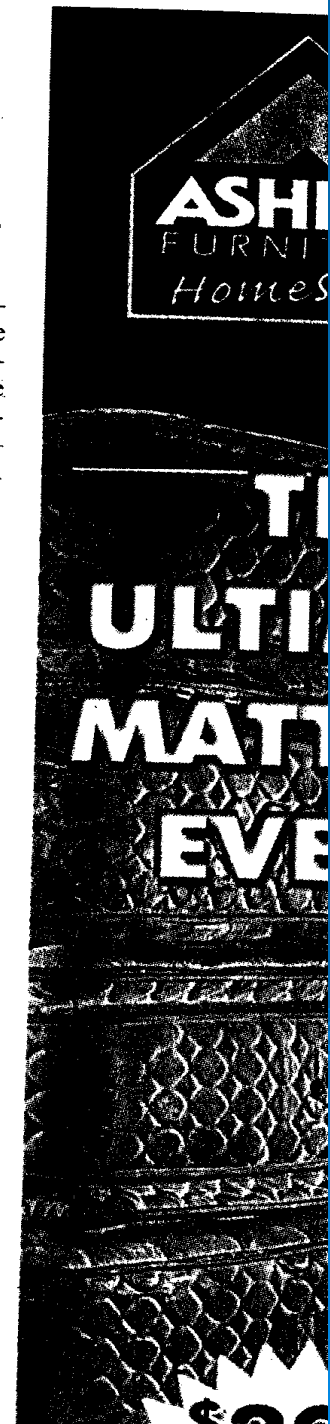
and obtained a permit to discharge wastewater into the city's sewer system, according to the indictment. The permit was subject to restrictions on certain pollutants — including materials with toxic gases, vapors or fumes that could pose risks to the city's wastewater-treatment workers.

An "overburdened" treatment facility at Luxury Wheels couldn't properly treat the waste, prosecutors allege. The company allegedly dumped pollutants into a floor drain, effectively bypassing its own waste-treatment facility.

The indictment also alleges that Luxury Wheels hired an outside plumbing business to "hydrojet" a service line that connected Luxury Wheels' treatment plant to the city's sewer system — all in an effort to remove chemical blockage.

Hajduk faces up to five years in federal prison if convicted on the conspiracy charge. The company faces fines as high as \$500,000, and \$50,000 per day for each alleged violation of the Clean Water Act.

Business Incubator hosts government contract opportunities workshop



9-30-06

2006 SATURDAY, SEPTEMBER 30, 2006

P. 21 A

Rocky Mountain
News

Prison, fines for dumping

By Ellen Miller

SPECIAL TO THE NEWS

The operations manager of a Grand Junction company was sentenced to five months in a federal prison and five months' home detention Friday for negligently discharging a hazardous pollutant into the city's wastewater system that injured a public works employee.

Albert Hajduk, 44, who lives in Fruita, was sentenced in Denver by Chief U.S. District Judge Lewis T. Babcock for releasing chemical solutions into the Grand Junction sewer system. Hajduk and the company pleaded guilty June 8.

The company, Luxury Wheels O.E. Plating Inc., was ordered to

pay a \$40,000 fine and restitution of \$350,000 to the city employee who was hurt by toxic fumes.

They were convicted of violating the Clean Water Act by discharging hazardous chemicals into the city sewer system, trying to hide the discharges and interfering with city wastewater workers who tried to sample the company's wastewater.

A secretary at Luxury Wheels said the company had no comment.

Luxury Wheels, an electroplating business near downtown Grand Junction, uses various chemicals including acids and chemical solutions containing metals. It maintains a waste-treatment plant on its site to treat some of the waste.

The company was allowed under a Grand Junction permit to discharge wastewater into the sewer system under tight conditions, which prohibited discharge of toxic gases, vapors or fumes.

The indictment said that Hajduk and the company conspired and agreed to violate the Clean Water Act by knowingly discharging pollutants into the sewer system.

The company and Hajduk also hired an outside plumbing business to remove chemical-sludge blockages between the company's plant and the city sewer line to conceal the illegal discharges, the indictment said.

The injured city worker, Scott Williams, could not be reached for comment Friday.

SE

Luxury Wheels fined \$40,000, must pay city worker \$350,000 for illegal dumping

By ERIK LINCOLN
The Daily Sentinel

A Grand Junction company and one of its employees was sentenced for dumping chemical solutions into the sewer system in amounts larger than permitted under federal law.

Luxury Wheels O.E. Plating Inc., was sentenced to two years probation, ordered to pay a \$40,000 fine and restitution of \$350,000 to a city worker exposed to toxic gas discharged by Luxury Wheels, according to the Colorado U.S. Attorney's Office.

Albert Hajduk was sentenced to five

months in federal prison followed by five months home detention with electronic monitoring, according to the Colorado U.S. Attorney's Office.

The two were indicted by a federal grand jury in Denver on Aug. 11, 2004, for violation of the Clean Water Act, according to a news release from the Colorado U.S. Attorney's Office. They pleaded guilty in district court on June 8, 2006.

Between 1999 and 2003 Hajduk, an employee at Luxury Wheels, and the business "conspired and agreed" to violate the act by dumping chemicals into the sewer system

in higher amounts than allowed under a permit issued to the company by the city of Grand Junction, according to the news release.

"The Department of Justice will pursue environmental criminals who threaten the public health for personal greed," U.S. Attorney for the District of Colorado Troy Eid said in the news release. "The Clean Water Act was flagrantly violated in this case, and criminal penalties are warranted."

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4 airport positions eliminated at Walker

By SENTINEL STAFF

Four administrative jobs at Walker Field were eliminated as the airport realigns its staff.

9-30-06

Look for Inconsistencies

- Officials allowed access to process area one time but not the next (delayed).
 - Sample volume fluctuations without changing settings.
 - Sampler moved or showing signs of tampering.
- 

Things to Do!

- Perform a thorough inspection of facility on a yearly basis (minimum).
- Dye test lines.
- Avoid answering questions for the IU during inspections – let them do the talking.
- Video City sewer line that serves facility.
- Compare water consumption to reported discharge quantities.

Conclusion

- Know your industries.
- Talk to the IU workers, build a Rapport.
- Pay attention to your “gut” instincts.
- Contact EPA CID.