E-MAILS
SEATTLE REPORTS FROM CLEAN HARBORS

Jerry Thompson

From: "Estrada, Shawn" <estrada.shawn@cleanharbors.com>
To: "Jerry Thompson" <gat@alaskancopper.com>; <mlr@alaskancopper.com>
Cc: "King, Thomas L" <king.thomas@cleanharbors.com>
Sent: Tuesday, May 18, 2010 1:18 PM
Attach: ACW 2008_2009 TRI reporting Letter to TK .doc; 2006 Tier.pdf; Alaska Copper Tier Reporting.pdf
Subject: FW: From Matthew Dunn RE: ACW Letter of explaination

I have a message into Mathew and have made my boss aware of the situation with your reporting here is the letter for 2008, along with the Tier reports for 2006 and 2007, please let me know if you have any questions.

Shawn Estrada
Field Service Specialist
Clean Harbors Environmental Services
19320 Des Moines Memorial Dr.
SeaTac, WA 98148
Office: 206.429.9127
Mobile:
Fax: 206.824.3507
estrada.shawn@cleanharbors.com

From: King, Thomas L
Sent: Tuesday, May 18, 2010 11:46 AM
To: Estrada, Shawn
Subject: Fw: From Matthew Dunn RE: ACW Letter of explaination

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From: Dunn, Matthew K
To: King, Thomas L
Sent: Tue May 18 14:02:38 2010
Subject: From Matthew Dunn RE: ACW Letter of explaination
Tom,

See if this works

✓SAFETYFIRST!

Matthew Dunn
Clean Harbors Environmental Services
12402 SE Jennifer Street, Suite 160
Clackamas, OR 97015
Phone: 503.305.2147
Fax: 503.786.7877
Email: dunn.matthew@cleanharbors.com
Web: www.cleanharbors.com

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Jerry Thompson

om: "Estrada, Shawn" <estrada.shawn@cleanharbors.com>
: <jimbrownjr@comcast.net>; "'Jerry Thompson'" <gat@alaskancopper.com>
Cc: "Leff, Sydney K" <leff.sydney@cleanharbors.com>; "Casteneda, David C" <casteneda.david@cleanharbors.com>
Sent: Thursday, September 03, 2009 12:08 PM
Attach: AC 2008 P2 Plan Update.pdf
Subject: Pollution Prevention Plan

Gentlemen,

Here is a copy of your 2009 Pollution Prevention Plan for your records, feel free to contact me with any questions.

Shawn A. Estrada
Field Service Specialist
Clean Harbors Environmental Services
19320 Des Moines Memorial Dr.
Bldg. D, Suite 400
SeaTac, WA 98148
Office: 206.429.9127
Mobile: (b) (6)
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estrada.shawn@cleanharbors.com

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CleanHarbors
ENVIRONMENTAL SERVICES®

4500 15th St. E., Unit A • Tacoma, WA 98424 • Phone 253.926.0580, Fax 253.926.0599

September 2, 2009

Mr. Jim Brown
Alaska Copper Works
3200 6th Avenue S
Seattle, Washington 98134

RE: Washington State Pollution Prevention Plan Update
2008 Plan Update Submission Notice

Dear Mr. Brown

Please find the enclosed electronic copy of the Pollution Prevention Plan update for year ending 2008 and submitted on your behalf to the Washington Department of Ecology.

No signature is necessary. This is only an update to the 5 year plan originally submitted in base year 2006.

Retain this copy for your records.

This satisfies Washington State P2 plan update submittal requirements for the year 2008.

The next update for 2009 is due September 1, 2010.

You may wish to review the update to determine if your waste reduction objectives are in line with your expectations.

Please feel free to contact me any time should you have questions regarding the information contained in the updated plan, how to further reduction hazardous waste generation, or to learn more about State and Federal waste reduction training and informational programs.

Sincerely,

Matthew Dunn
(b) (6)

AKC-0026048

Pollution Prevention Plan Update 2008

Facility Name: **Alaskan Copper Works**
Industry Type: Fabricated Pipe and Pipe Fitting Manufacturing
NAIC Code: 332996
EPA ID# or CRK#: WAD980738546
Base Year: 2006

Description of Products and Services

Full service center and manufacturer of corrostio n resistant alloy products.

Production Level

Units	2006	2007	2008	2009	2010	2011
Lbs of material processed	29,210,133	31,230,000	10,421,732	0	0	0
Ratio	1.00	1.07	.35	0.00	0.00	0.00

Previous Accomplishments

Metal Fab Processing
2007-2008
Chrome slag toxicity reduction: Chrome slag generated from plasma table cutting processing was subjected to an on site pilot test program started in mid 2007 with actual on site hazardous characteristics reduction treatment occurring in early 2008 resulting in 100% chrome slag toxicity reduction. For the calendar year of 2008 dangerous waste reduction occurred under treatment by generator provisions but still had to be reported due to treatment outside of process and lack of local recycling disposition outlets. As of 2009 treatment will be conducted within the process so that no dangerous waste generation will occur from this process.

Pipe Painting
2007-2008
Opportunity originally identified in 2001 by using smaller amounts of solvents to clean parts; only using what is needed subject to fluctuating annual production demand. An estimated 61% total solvent use reduction established at end of 2002. Currently only small amounts of solvent in the form of spray marking paints, dyes, and parts cleaning solvents are purchased and use as needed keeping hazardous materials inventory to a minimum. All used solvents and spray cans are dispensed, containerized and added for off-site solvent fuels program

Materials account/mgmt
2007-2006
Initially started in 2002, material purchasing tracking by accounting helps to account for all material purchased and combined with the annual waste report provides a complete use and disposal tracking mechanism to view overall hazardous material control throughout all portions of manufacturing.

AKC-0026049

Pollution Prevention Training

-- New employee orientation training is provided to employees emphasizing the company environmental policy, hazardous materials and waste management procedures, pollution prevention techniques and goals, and emergency response training.
-- Annual employee refresher training highlighting proper hazardous materials handling, use and storage, waste reduction assessment techniques, proper waste management procedures and related subjects, pollution prevention principles, and company environmental policies and management systems.
-- Waste management issues are addressed during safety meetings.
-- Open-door policy regarding safety and environmental concerns to their supervisors, who in turn bring these concerns to the Operations Manager for review and implementation.
-- Promotion of employee involvement in environmentally friendly practices.
-- Contracting outside environmental management firm to assist in polution prevention planning and provide new technologies for waste reduction or product substituation.
-- For 2008 additional stormwater management training has been incorporated into the new hire and annual refresher training program

Employee Involvement

Operations Manager (James Brown): In charge of overall P2 Plan; coordinates management policies, project support, technical and economic evaluations; implements pollution prevention in all areas of the facility; ensures design modifications are made to reduce pollution impact.

Plan Contact: James Brown, Operations Manager; Shawn Estrada, Clean Harbors Environmental Services.

Cost Accounting

Currently, environmental costs are placed into the category of overhead. Our accounting system has been identified as an opportunity to track costs more easily and will be assessed in the near future.

Five-Year Numeric Performance Goals

Goals for the 5-year life of this plan.	2007	2008	2009	2010	2011
Hazardous Substance Use Reduction (lbs)	100	100	100		
Hazardous Waste Reduction (lbs)	25000	26000	32000		
Hazardous Waste Recycling (lbs)	25000	26000	32000		
On-site Hazardous Waste Treatment (lbs)	25000	26000	32000		
Wastewater Reduction (gal)					
Energy Conservation (kWh)					
Cost Savings ($)					
Air Emissions Reduction (lbs)					
Solid Waste Reduction (lbs)					
CO2 Emissions Reduction (lbs)					

Non-Numeric Performance Goals Hazardous waste reduction has been achieved by better waste dewatering processing and implementation of specific waste stream on-site treatment and process waste neutralization. As a result of new treatment technologies, hazardous waste recycling goals will adjust proportionally since generated hazardous waste will be rendered non hazardous with resulting waste shipped for recycling or beneficial use. There should be no increase in volume of water use as a result on site treatment and neutralization.

Management Policy

Establishing and maintaining environmental polices that promote better hazardous material and waste handling and safer workplace will continue to be a paramount prority. Since the introduction of an independent consultant, we have increased our understanding and have addressed a number of hazardous management issues in the workplace and will continue to improve on our overall management plan. Our organization is committed to the purpose of this plan and hereby submits it to the Department of Ecology.

James Brown
Operations Manager 9/1/2009

Processes and Opportunities

Process	Opportunity
Metal Fab Processing GoTo	
	Chrome slag toxicity reduction GoTo
	Chrome toxicity reduction GoTo
Pipe Painting GoTo	
	Ship paint waste to off-site recycling facility GoTo
	Continuing employee training to conserve use of solvents GoTo
	Incorporate the use of less toxic or bio degradable paints and dyes
Passivating Process GoTo	
	Application of spray rinse and vapor controls to reduce evaporation and nitric acid use GoTo
Enter New Process Name	

Process | Metal Fab Processing TOP Help

DESCRIPTION: Stainless steel sheet and plate products are used to produce pipe fittings. Sheets are tolled into pipe which are welded, x-rayed, inspected, passi vated (explained on sepa rate process description form), and shipped.

RESEARCH:

☐Magazines/journals	Name(s):
☐Conferences	Which ones?
X Vendors	Name(s): Clean Harbors Environmental Services
☐Internet searches	Results:
X Industry sources	Who? Environmental, Compliance & Remediation, Inc (waste reduction & recycling ideas)
☐Employee suggestions	Who & what?
X Government staff	Who & which agency? DOE
☐Other	Explain:

HAZARDOUS SUBSTANCES USED (LBS)

Product Name	Ingredients		2006	2007	2008	2009	2010	2011
	CAS #	%						
Stainless Steel	N450 MANGANESE CMPNDS	1	23,717,073	23,801.52	3,396,998			
	N090 CHROMIUM CMPNDS	18						
	N495 NICKEL CMPNDS	8						

HAZARDOUS WASTES GENERATED

Waste (LBS)	2006	2007	2008	2009	2010	2011
Plasma cutting cleanout sludge	55990	62,486	23,210			

TREATMENT, RECYCLING, RELEASES OR OTHER RESOURCES USED						
Resource or Release (State Units)	2006	2007	2008	2009	2010	2011
lb	0	0	46420			

Opportunity Chrome slag toxicity reduction TOP Help

Describe the opportunity: Implimentaion of new technology to reduce chrome w aste toxicity prior to weast generation and rescheduling of stainless steel cutting to reduce overall waste generation

Targeted Hazardous Products/Wastes: Cutting table waste slag

Observations:

Year	Observations
2007	2007 did afford an opportunity to put bench testi ng of chrome slag treatment into actual use. Testing did show chrome passing TCLP. Outlets for treated non hazardous slag waste are very limitied.
2008	Treated successfully and economically almost 2/3 of hazardous waste generated
2009	
2010	
2011	

What are the estimated annual environmental effects of this opportunity? Help

Hazardous Substance Use Reduction (lbs) 0
Hazardous Waste Reduction (lbs) 46420
Recycling of Hazardous Waste (lbs) 0
Treatment of Hazardous Waste (lbs) 46420
Solid Waste Reduction (lbs) 0
Other Effects

Wastewater Reduction (gal) 0
Energy Conservation (kWh) 0
Cost Savings ($) 21,527.00
Air Emissions Reduction (lbs) 0
CO2 Emissions Reduction (lbs) 0

Feasibility: Help

Is this opportunity technically feasible? ☒ Yes ☐ Needs Further Study ☐ No. If no, explain why:

Will environmental or health risks be reduced and not shifted? ☒ Yes ☐ No. If no, explain any shifting of risks:

Is this opportunity economically feasible? ☒ Yes ☐ Needs Further Study ☐ No. If no, explain why:

Implementation schedule: Help

☒ Selected for implementation. When? December 2007.
☐ Scheduled for further study. When will the study be complete? 2008
☐ Rejected. Why?

What problems will there be implementing this? Space

Process | Pipe Painting TOP Help

DESCRIPTION: Pipe painting occurs at various prodution locations requiring the use of spray paints, costings, and solvents

RESEARCH:

☐Magazines/journals Name(s):
☐Conferences Which ones?

☒Vendors	Name(s): Emerald Services, Safety Kleen
☐Internet searches	Results:
☒Industry sources	Who? Environmental Compliance & Remediation, Inc. (waste reduction & recycling)
☐Employee suggestions	Who & what?
☐Government staff	Who & which agency?
☐Other	Explain:

HAZARDOUS SUBSTANCES USED (LBS)									
Product Name	Ingredients		2006	2007	2008	2009	2010	2011	
	CAS #	%	2350	2450	2060				
	Paint and solvent mixtures	0							

HAZARDOUS WASTES GENERATED							
Waste (LBS)	2006	2007	2008	2009	2010	2011	
Waste paint / thinners	155	242	991				

TREATMENT, RECYCLING, RELEASES OR OTHER RESOURCES USED							
Resource or Release (State Units)	2006	2007	2008	2009	2010	2011	
Off-site recycling of paint waste thinners	155	242	131				

Opportunity Ship paint waste to off-site recycling facility TOP Help

Describe the opportunity: Select vendor with capabilities to recycle waste paints and solvents not constituting fuels burning or recovery. Continue promoting solvent conservation practices by employees via repetitive training, postings and improved waste paint collection and storage availability.

Targeted Hazardous Products/Wastes: Paint waste - thinners.

Observations:

Year	Observations
2007	Paint waste/related solvents for cleaning are use d sparingly and found most effective for the specific application. No new products have been identi fied that are superior substitutions and conservation seems to be the best form of reduction
2008	Substitution found for paint spray wi th soy based or less toxic inks and dyes
2009	
2010	
2011	

What are the estimated annual environmental effects of this opportunity? Help

Hazardous Substance Use Reduction (lbs) 390
Hazardous Waste Reduction (lbs) +749
Recycling of Hazardous Waste (lbs) 131
Treatment of Hazardous Waste (lbs) 0
Solid Waste Reduction (lbs) 0
Other Effects

Wastewater Reduction (gal) 0
Energy Conservation (kWh) 0
Cost Savings ($) 0
Air Emissions Reduction (lbs) 0
CO2 Emissions Reduction (lbs) 0

Feasibility: Help

Is this opportunity technically feasible? ☒ Yes ☐ Needs Further Study ☐ No. If no, explain why:

Will environmental or health risks be reduced and not shifted? ☒ Yes ☐ No. If no, explain any shifting of risks:

Is this opportunity economically feasible? ☒ Yes ☐ Needs Further Study ☐ No. If no, explain why:

Implementation schedule: Help

☒ Selected for implementation. When? Continuation from 2003
☐ Scheduled for further study. When will the study be complete?
☐ Rejected. Why?

What problems will there be implementing this? Maintining cost effecive means through off site recylcer to accept and provide reliable pick ups of small amounts of recyclable paints and solv ents

Process | Passivating Process TOP Help

DESCRIPTION: Stainless steel pipes and parts are dipped into a 10% nitric acid and 1-3% ammoniumbifluoride solution for cleaning and passivation prior to being shipped.

RESEARCH:

☐Magazines/journals	Name(s):
☐Conferences	Which ones?
☒Vendors	Name(s): Clean Harbors Environmental Services
☐Internet searches	Results:
☒Industry sources	Who? Environmental Compliance & Remediation, Inc.
☒Employee suggestions	Who & what? James Brown, Operations Manager based on industry experience.
☐Government staff	Who & which agency?
☐Other	Explain:

HAZARDOUS SUBSTANCES USED (LBS)

Product Name	Ingredients		2006	2007	2008	2009	2010	2011
Nitric Acid	CAS # 7697-37-2	%	6000	1500	1000			
	NITRIC ACID	66						
Hydrofluoric Acid	CAS # 7664-39-3	%	200	50	<50			
	HYDROFLUORIC ACID	49						

HAZARDOUS WASTES GENERATED

Waste (LBS)	2006	2007	2008	2009	2010	2011
Nitric Acid Mixture	34589	0	0			
Tank Bottom Sludge	5280	0	0			
Tank Bottom Treatment Sludge	16,984	12,487	13,423			

TREATMENT, RECYCLING, RELEASES OR OTHER RESOURCES USED

Resource or Release (State Units)	2006	2007	2008	2009	2010	2011
	0	0	0			

Opportunity Application of rinse spray application to reduce total nitric acid purchased and waste volume TOP Help

Describe the opportunity: Continuation of waste overspray and evaporation controls and spillage by use of covers and drip collection devices

Targeted Hazardous Products/Wastes: Nitric acid solutions

Observations:

Year	Observations
2007	Hazardous waste treatment prior to discharge has seen significant reduction in discharge volumes due to reduction in overspray.
2008	Marginal increase in generation due to passivation area decontamination activities in 2008
2009	
2010	
2011	

What are the estimated annual environmental effects of this opportunity? Help

Hazardous Substance Use Reduction (lbs) 500+/-
Hazardous Waste Reduction (lbs) + 936
Recycling of Hazardous Waste (lbs) 0
Treatment of Hazardous Waste (lbs) 0
Solid Waste Reduction (lbs)
Other Effects

Wastewater Reduction (gal)
Energy Conservation (kWh)
Cost Savings ($)
Air Emissions Reduction (lbs)
CO2 Emissions Reduction (lbs)

Feasibility: Help

Is this opportunity technically feasible? ☒ Yes ☐ Needs Further Study ☐ No. If no, explain why:

Will environmental or health risks be reduced and not shifted? ☒ Yes ☐ No. If no, explain any shifting of risks:

Is this opportunity economically feasible? ☒ Yes ☐ Needs Further Study ☐ No. If no, explain why:

Implementation schedule: Help

☒ Selected for implementation. When? Continuing since 2003
☐ Scheduled for further study. When will the study be complete?
☐ Rejected. Why?

What problems will there be implementing this?

Process | Materials accounting / mgmt TOP Help

DESCRIPTION: Unscheduled accumulations of lab wastes and misc. regulated materials

RESEARCH:

☐ Magazines/journals	Name(s):
☐ Conferences	Which ones?
☒ Vendors	Name(s): Clean Harbors Environmental Services
☐ Internet searches	Results:
☐ Industry sources	Who?
☐ Employee suggestions	Who & what?
☐ Government staff	Who & which agency?
☐ Other	Explain:

HAZARDOUS SUBSTANCES USED (LBS)

Product Name	Ingredients		2006	2007	2008	2009	2010	2011
Various	CAS #	%			55			
	VARIOUS	0						

HAZARDOUS WASTES GENERATED

Waste (LBS)	2006	2007	2008	2009	2010	2011
PCB Ballasts	2000	0	0			
Cleaning Compounds	0	0	55			
Lab Packs and Non Paint Aresol Spray Cans	5	7	15			

TREATMENT, RECYCLING, RELEASES OR OTHER RESOURCES USED

Resource or Release (State Units)	2006	2007	2008	2009	2010	2011
POUNDS	0	0	0			

Opportunity Product tracking and accounting TOP Help

Describe the opportunity: Identification of generation sources and conduct small quanities treatment or consolidation prior to generation of waste

Targeted Hazardous Products/Wastes: Non production small chemistries useage

Observations:

Year	Observations
2007	Purchasing ordering less materials in aerosol form and substation with less toxic bulk materials
2008	Began tracking of miscellaneous waste material generation
2009	
2010	
2011	

What are the estimated annual environmental effects of this opportunity? Help

Hazardous Substance Use Reduction (lbs) 0	Wastewater Reduction (gal) 0
Hazardous Waste Reduction (lbs) + 70	Energy Conservation (kWh) 0
Recycling of Hazardous Waste (lbs) 0	Cost Savings ($) 0
Treatment of Hazardous Waste (lbs) 0	Air Emissions Reduction (lbs) 0
Solid Waste Reduction (lbs) 0	CO2 Emissions Reduction (lbs) 0

Other Effects Materials processed data will be easier to come by for reporting and accounting purposes.

Feasibility: Help

Is this opportunity technically feasible? ☒ Yes ☐ Needs Further Study ☐ No. If no, explain why:

Will environmental or health risks be reduced and not shifted? ☒ Yes ☐ No. If no, explain any shifting of risks:

Is this opportunity economically feasible? ☒ Yes ☐ Needs Further Study ☐ No. If no, explain why:

Implementation schedule: Help

☒ Selected for implementation. When? Continuation from 2002

☐ Scheduled for further study. When will the study be complete?

☐ Rejected. Why?

What problems will there be implementing this? WIll be hiring an outside consultant to assist in tracking waste generation costs from various sources.

For Official Use Only:
P3ID: 29
Base Year: 2006

Jerry Thompson

From: "Leff, Sydney K" <leff.sydney@cleanharbors.com>
Cc: <gat@alaskancopper.com>; <lmv@alascop.com>; <jimbrownjr@comcast.net>
"Casteneda, David C" <casteneda.david@cleanharbors.com>; "Sullivan, Jason L" <sullivan.jayson@cleanharbors.com>
Sent: Monday, January 19, 2009 11:10 PM
Subject: TurboWaste.Net Annual Report Receipt Confirmation

Alaskan Copper Team,

Below find your annual waste report submittal confirmation:

Your Dangerous Waste Annual Report has been received electronically by the Department of Ecology. It passed the basic data quality checks and has been locked for your security.

RCRA Site ID Number: WAD980738546

Reporting Year: 2008

Date Received: 1/19/2009

Site Name: Alaskan Copper Works

Site Address:
3200 6TH AVE S

SEATTLE, WA 98134

If you submitted an Annual Report Site ID Form that was checked as revise or withdrawal you will receive an additional confirmation email.

If you have any questions, please call us at (800) 874-2022 or (360) 407-6170 or email us at turbowaste@ecy.wa.gov .

Thank you for using TurboWaste.Net.

Hazardous Waste and Toxics Reduction Program
Department of Ecology
State of Washington

Sydney Leff
Account Manager
Clean Harbors Environmental Services
19320 Des Moines Memorial Dr. S.
Bldg. D, Suite 400
SeaTac, WA 98148
Office: 206.429.9100
Mobile: (b) (6)
Fax: 206.824.3507
Email: leff.sydney@cleanharbors.com
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ROMIC
ENVIRONMENTAL
TECHNOLOGIES CORP.

4500 15th St. E., Unit A • Tacoma, WA 98424 • Phone 253.926.0580, Fax 253.926.0599

February 28, 2007

SEPC
Sadie Whitener
Department of Ecology
300 Desmond Dr
Lacey, Washington 98503
360-407-6729

King County Office of Emergency Management
Shad Burcham
3511 NE 2nd
Renton, WA 98056
206.296-3830

Seattle Fire Department
301 2nd Avenue South
Seattle, WA 98104
206-386-1400

RE: Alaskan Copper Works Tier II Report for 2006

Romic Environmental Technologies, Corp. (ROMIC) as been retained by Alaskan Copper Works, Inc. located at 3200 6th Avenue S in Seattle, Washington 98134 to provide SARA Title III reporting services.

Under §312, this report reflects updated average and maximum hazardous chemical inventories located at the above address for the calendar year 2005 and likely inventory quantities for 2006.

All questions or inquiries in addition to future Tier II reporting notifications for Alaskan Copper Works, Inc. should be addressed to Matthew Dunn at (b) (6) or write to:

Matthew Dunn
PDM
Romic Environmental Technologies, Corp
14334 SE industrial Way
Clackamas, Oregon 97015
(503) 785-0404

Sincerely,

Matthew Dunn
On Behalf of Alaskan Copper Works, Inc.

ROMIC
ENVIRONMENTAL
TECHNOLOGIES CORP.

4500 15th St. E., Unit A • Tacoma, WA 98424 • Phone 253.926.0580, Fax 253.926.0599

February 23, 2006

Mr. Jim Brown
Alaska Copper Works
P.O. Box 3546
Seattle, Washington 98124-3546
3223 Sixth Avenue South 98134-2105

RE: Tier II Reporting Action Notification

Dear Mr. Brown,

ROMIC requests a site visit sometime between March 1 and March 3, 2006.

ROMIC can accommodate any day during the week that best suits your convenience.

The purpose of this visit is to confirm existing hazardous material storage locations and inventory. Information gathered from this site visit will be used to comply with Tier II reporting requirements under SARA Title III Section 312. The report is Due March 15, 2006 and will be submitted to Local Emergency Planning Committee (LEPC), and the local fire department. A copy of the report will be mailed to you for your records. ROMIC will also maintain a copy of the report for a period of 5 years.

I will contact Mr. Gerald Thompson on the morning of February 29 to confirm an appropriate time.

The site visit should take approximately 2 hours. I will be bringing out a local ROMIC technician, who will be substituting for me during the last half of March and early April, 2006. This will also be an opportunity for the local ROMIC field office to assume a portion of future reporting services. This step will help promote timely service.

Please feel free to contact me at (b) (6).

Sincerely,

Matthew Dunn
Compliance Services

Cc: Gerald Thompson

Tier Two Emerge... Hazardous Chemical Inventory
Specific Information by Chemical
Revised September 2005

Community Right-to-Know
(REQUIRED INFORMATION)

ID #: WAD980738546
(12-digit number beginning with CRK or ...)

Facility Identification UBI/DOR#:
Name ALASKAN COPPER WORKS
Address 3200 6TH AVE SOUTH
City SEATTLE County KING State WA Zip 98134-
Latitude 47_34_31 Longitude 122_19_33
SIC Code Dun & Bradstreet No. 00-925-5571 LEPC CITY OF SEATTLE

Owner/ Operator Name ALASKAN COPPER WORKS
Street 3200 6TH AVE SOUTH
City SEATTLE State WA Zip 98134- Phone (206) 623-5800

Main Contact Name: MATTHEW DUNN Email: matthewd@romic.com
Title: PDM Phone: (b) (6) Fax: (503) 786-7877

Mailing Address *Must be included if different from Facility Address*
Address 3200 6TH AVE SOUTH
City SEATTLE State WA Zip 98134-

Emergency Contact
Name: GERALD THOMPSON Title: ENVIRONMENTAL SUPERVI
Phone: (206) 382-8379 24-hr. Phone: (206) 623-5800

Important: Read all instructions before completing form.

Reporting Period: From January 1 to December 31, 2005

Chemical Description	Physical and Health Hazards (check all that apply)	INVENTORY	Storage Codes: Container Type	Pressure	Temperature	Storage Locations (Non-Confidential)
CAS 000074-86-2 Trade Secret Chem. Name: ACETYLENE EHS Name: Check all that apply: Pure Mix Solid Liqui Gas EHS	FIRE SUDDEN RELEASE of PRESSURE REACTIVITY IMMEDIATE (acute) DELAYED (chronic)	12000 Max. Amount (lbs) 10000 Avg. Amount (lbs) 4 Max. Daily Amount (code) 4 Avg. Daily Amount (code) 365 No. of Days On-site (days)	L	2	4	3200 PRODUCTION GAS PAD
			L	2	4	3317 PRODUCTION GAS PAD
			L	2	4	3405 PRODUCTION AREA
			L	2	4	3405 OUTSIDE GAS PAD
CAS 007440-37-1 Trade Secret Chem. Name: ARGON EHS Name: Check all that apply: Pure Mix Solid Liqui Gas EHS	FIRE SUDDEN RELEASE of PRESSURE REACTIVITY IMMEDIATE (acute) DELAYED (chronic)	15000 Max. Amount (lbs) 11000 Avg. Amount (lbs) 4 Max. Daily Amount (code) 4 Avg. Daily Amount (code) 365 No. of Days On-site (days)	L	2	4	3317 GAS PAD
			A	2	4	3200 PRODUCTION GAS PAD
			L	2	4	3200 PRODUCTION GAS PAD
			L	2	4	3405 OUTSIDE GAS PAD

Certification (Read and sign after completing all sections)
I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one thru ____ and that based on my inquiry of these individuals responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Matthew Dunn - PDM
Name and official title of owner/operator's authorized representative Signature Date Signed

OPTIONAL ATTACHMENTS
I have attached a site plan
I have attached a list of site coordinate abbreviations
I have attached a description of dikes and other safeguard measures

AKC-0026063

ID #: WAD980738546

CAS / Chem. Name / EHS Name	Check all that apply	FIRE / SUDDEN RELEASE of PRESSURE / REACTIVITY / IMMEDIATE (acute) / DELAYED (chronic)	Max. Amount (lbs)	Avg. Amount (lbs)	Max. Daily Amount (code)	Avg. Daily Amount (code)	No. of Days On-site (days)				
CAS 068476-34-6 Trade Secret Chem. Name: DIESEL FUEL #2 EHS Name:	Pure Mix Solid Liqui Gas EHS		11550	10000	4	4	365	A	1	4	3405 OUTSIDE WEST TANK FARM
CAS 007697-37-2 Trade Secret Chem. Name: NITRIC ACID EHS Name: NITRIC ACID	Pure Mix Solid Liqui Gas EHS		60000	50000	4	4	365	C	1	5	ETCHING AREA
CAS 007752-44-7 Trade Secret Chem. Name: OXYGEN EHS Name:	Pure Mix Solid Liqui Gas EHS		12600	11000	4	4	365	A	2	4	3200 PRODUCTION GAS PAD
								L	2	4	3200 PRODUCTION GAS PAD
								L	2	4	3317 PLASMA GAS PAD
								L	2	4	3405 PRODUCTION AREA
								L	2	4	3405 GAS PAD
CAS 000074-98-6 Trade Secret Chem. Name: PROPANE EHS Name:	Pure Mix Solid Liqui Gas EHS		12000	10000	4	4	365	A	2	4	3200 PRODUCTION NE OUTSIDE
								A	2	4	3405 PRODUCTION AREA

CleanHarbors
ENVIRONMENTAL SERVICES®

14434 SE Industrial Way, Bldg C, Clackamas, Oregon 97015 • Phone 503.785.0404, Fax 503.786.7877

February 28, 2007

SEPC
Sadie Whitener
Department of Ecology
300 Desmond Dr
Lacey, Washington 98503
360-407-6729

King County Office of Emergency Management
Shad Burcham
3511 NE 2nd
Renton, WA 98056
206.296-3830

Seattle Fire Department
301 2nd Avenue South
Seattle, WA 98104
206-386-1400

RE: Alaskan Copper Works Tier II Report for 2007

Clean Harbors Environmental Services, Inc. (CHES) as been retained by Alaskan Copper Works, Inc. located at 3200 6th Avenue S in Seattle, Washington 98134 to provide SARA Title III reporting services.

Under §312, this report reflects updated average and maximum hazardous chemical inventories located at the above address for the calendar year 2005 and likely inventory quantities for 2007.

All questions or inquiries in addition to future Tier II reporting notifications for Alaskan Copper Works, Inc. should be addressed to Jason Sullivan at 206-429-9100 or write to:

Jason Sullivan
Project Manager
Clean Harbors Environmental Services
19320 Des Moines Memorial Drive, Suite 400
SeaTac, WA 98148

Sincerely,

Jason Sullivan
On Behalf of Alaskan Copper Works, Inc.

ID #: WAD980738546
(12-digit number beginning with CRK or WA)

Tier Two Emergency and Hazardous Chemical Inventory
Specific Information by Chemical
Revised September 2005

Community Right-to-Know
(REQUIRED INFORMATION)

Facility Identification UBI/DOR#:
Name: ALASKAN COPPER WORKS
Address: 3200 6TH AVE SOUTH
City: SEATTLE County: KING State: WA Zip: 98134-
Latitude: 47_34_31 Longitude: 122_19_33
SIC Code: Dun & Bradstreet No.: 00-925-5571 LEPC: CITY OF SEATTLE

Owner/ Operator Name: ALASKAN COPPER WORKS
Street: 3200 6TH AVE SOUTH
City: SEATTLE State: WA Zip: 98134- Phone: (206) 623-5800

Main Contact Name: MATTHEW DUNN Email: dunn.matthew@cleanh
Title: PDM Phone: (b) (6) Fax: (503) 786-7877

Mailing Address *Must be included if different from Facility Address*
Address: 3200 6TH AVE SOUTH
City: SEATTLE State: WA Zip: 98134-

Emergency Contact
Name: GERALD THOMPSON Title: ENVIRONMENTAL SUPERVI
Phone: (206) 382-8379 24-hr. Phone: (206) 623-5800

Important: Read all instructions before completing form.

Reporting Period: From January 1 to December 31, 2007

Chemical Description	Physical and Health Hazards (check all that apply)	INVENTORY	Storage Codes: Container Type	Pressure	Temperature	Storage Locations (Non-Confidential)
CAS 000074-86-2 Trade Secret ☐ Chem. Name: ACETYLENE EHS Name: Check all that apply: ☑ Pure ☐ Mix ☐ Solid ☐ Liquid ☑ Gas ☐ EHS	☑ FIRE ☑ SUDDEN RELEASE of PRESSURE ☐ REACTIVITY ☑ IMMEDIATE (acute) ☑ DELAYED (chronic)	12000 Max. Amount (lbs) 10000 Avg. Amount (lbs) 4 Max. Daily Amount (code) 4 Avg. Daily Amount (code) 365 No. of Days On-site (days)	L	2	4	3200 PRODUCTION GAS PAD
			L	2	4	3317 PRODUCTION GAS PAD
			L	2	4	3405 PRODUCTION AREA
			L	2	4	3405 OUTSIDE GAS PAD
CAS 007440-37-1 Trade Secret ☐ Chem. Name: ARGON EHS Name: Check all that apply: ☑ Pure ☐ Mix ☐ Solid ☐ Liquid ☑ Gas ☐ EHS	☐ FIRE ☑ SUDDEN RELEASE of PRESSURE ☐ REACTIVITY ☐ IMMEDIATE (acute) ☐ DELAYED (chronic)	15000 Max. Amount (lbs) 11000 Avg. Amount (lbs) 4 Max. Daily Amount (code) 4 Avg. Daily Amount (code) 365 No. of Days On-site (days)	A	2	4	3200 PRODUCTION GAS PAD
			L	2	4	3200 PRODUCTION GAS PAD
			A	2	4	3405 OUTSIDE GAS PAD
			L	2	4	3317 GAS PAD

Certification (Read and sign after completing all sections)
I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one thru ____ and that based on my inquiry of these individuals responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Jason Sullivan (Agent) Alaskan Copper Works - Pm Clean Harbors
Name and official title of owner/operator's authorized representative

Signature

2·26·8
Date Signed

OPTIONAL ATTACHMENTS
☐ I have attached a site plan
☐ I have attached a list of site coordinate abbreviations
☐ I have attached a description of dikes and other safeguard measures

AKC-0026066

ID #: WAD980738546

CAS / Chem. Name / EHS Name	Trade Secret	Check all that apply: Pure	Mix	Solid	Liquid	Gas	EHS	FIRE	SUDDEN RELEASE of PRESSURE	REACTIVITY	IMMEDIATE (acute)	DELAYED (chronic)	Max. Amount (lbs)	Avg. Amount (lbs)	Max. Daily Amount (code)	Avg. Daily Amount (code)	No. of Days On-site (days)	Location			
CAS 068476-34-6 Chem. Name: DIESEL FUEL #2 EHS Name:	☐	☐	☑	☐	☑	☐	☐	☑	☐	☐	☑	☑	11550	10000	4	4	365	A	1	4	3405 OUTSIDE WEST TANK FARM
CAS 007697-37-2 Chem. Name: NITRIC ACID EHS Name: NITRIC ACID	☐	☐	☑	☐	☑	☐	☑	☐	☐	☑	☑	☑	5000	5000	3	3	365	C	1	5	ETCHING AREA
CAS 007752-44-7 Chem. Name: OXYGEN EHS Name:	☐	☑	☐	☐	☐	☑	☐	☑	☑	☑	☑	☑	12600	11000	4	4	365	A	2	4	3200 PRODUCTION GAS PAD
																		L	2	4	3200 PRODUCTION GAS PAD
																		L	2	4	3317 PLASMA GAS PAD
																		L	2	4	3405 PRODUCTION AREA
																		L	2	4	3405 GAS PAD
CAS 000074-98-6 Chem. Name: PROPANE EHS Name:	☐	☑	☐	☐	☐	☑	☐	☑	☑	☐	☑	☑	12000	10000	4	4	365	A	2	4	3200 PRODUCTION NE OUTSIDE
																		A	2	4	3405 PRODUCTION AREA

Jerry Thompson

From: "Estrada, Shawn" <estrada.shawn@cleanharbors.com>
To: <gat@alaskancopper.com>
Sent: Thursday, February 04, 2010 4:46 PM
Subject: Turbo Waste

Mathew reset the password for turbo waste the log in is (b) (6) and the password is (b) (6) all lower case.

Shawn Estrada
Field Service Specialist
Clean Harbors Environmental Services
19320 Des Moines Memorial Dr.
SeaTac, WA 98148
Office: 206.429.9127
Mobile: (b) (6)
Fax: 206.824.3507
estrada.shawn@cleanharbors.com

The information transmitted is intended only for the person or entity to which it is addressed and may contain confidential and/or privileged material. Any review, retransmission, dissemination or other use of, or taking of any action in reliance upon, this information by persons or entities other than the intended recipient is prohibited. If you received this in error, please contact Clean Harbors Environmental Services at 781.792.5555 and delete the material from any computer.

Jerry Thompson

From: "Estrada, Shawn" <estrada.shawn@cleanharbors.com>
To: <gat@alaskancopper.com>
Sent: Monday, January 11, 2010 8:28 AM
Attach: DEQ08PDX.pdf; DEQ08GMPDX.pdf; Alaskan Copper Portland Tier II Report 2006.doc; 2007WAR Portland Letter.doc; 2008 Manifests - Alaskan Copper Works.pdf; GM_bcdb0d84-7c86-446d-aec5-1e3326de4f8c.pdf; OI_bcdb0d84-7c86-446d-aec5-1e3326de4f8c.pdf; SiteID_bcdb0d84-7c86-446d-aec5-1e3326de4f8c.pdf; WR_bcdb0d84-7c86-446d-aec5-1e3326de4f8c.pdf; 2007 WAR.doc
Subject: FW: Request for information

Jerry, here is the information I was able to get from Mathew per the meeting we had. Unfortunately some of the information you are looking for was passed on to Scott and Jason when Mathew transferred to another division, and the information was not passed along after they moved on. Please let me know if there is anything else I can help with. The last paragraph in Mathews comments pertains to the burn tables, and we have already passed this information along to you. Thank you and have a great day.

Shawn A. Estrada
Field Service Specialist
Clean Harbors Environmental Services
19320 Des Moines Memorial Dr.
Bldg. D, Suite 400
SeaTac, WA 98148
Office: 206.429.9127
Mobile: (b) (6)
Fax: 206.824.3507
estrada.shawn@cleanharbors.com

From: Dunn, Matthew K
Sent: Thursday, December 28, 2009 1:01 PM
To: Estrada, Shawn
Cc: King, Thomas L
Subject: RE: Request for information

Clean Harbors has very little information prior to 2007. Previous work was done by ROMIC and whatever we have in the hard file you gave them is all there is.

I have attached all I have.

Any past Tier two reports should be with ACW. I forwarded my only copies to ACW and to Jason and Scott St. John when I transferred to another cost center. However ACW at both locating did not have inventories in quantities subject to Tier 2 reporting for 2007 or 2008.

We did not submit form R's since our inventory check showed that ACW in Seattle or Portland did not purchase or generate sufficient quantities for reportable substances under 313

All previous year Annual Waste Reports can be accessed on-line through turbo-waste. We access any additional copies through this on line service. I have attached some additional electronic copies from last year but really anyone can get previous year information by getting the password from Jim Brown

With respect to the TUHWR, this is not required for Oregon after 2007 since the ACW Portland facility has been reporting as an exempt quantity generator.

We can not divulge the treatment process itself as this is proprietary. With respect to a WAP, which we invoked a trade secret to, we provided this to ACW and I transferred my files to Jason and Scott St John once I moved to another cost center. I do know that DOE has a copy of this as well since they approved the plan when we started the process.

From: Estrada, Shawn
Sent: Thursday, December 24, 2009 11:28 AM
To: Dunn, Matthew K
Cc: King, Thomas L
Subject: Request for information

Good afternoon Mathew, today Tom and I met with Alaskan Copper and Brass Jerry Thompson and his new regulatory consultants Piper Roelen with Landau Associates and John Souza with KTA. John was going through the reporting records and was liking for some information. I gave Jerry copies of the binders that we have in our office that pertained to their information. John and Jerry went through the binders and said the needed some information, specifically they are looking for:

Tier 2 reports for 2007 and 2008
Form R's for 2006, 2007, and 2008
And the annual waste report for 2007

John had also brought up that they were looking for the TUHWR, Oregon's version of the Pollution Prevention Plan, from 2006 to current
They were also looking for any correspondence with the DOE regarding the treatment of the burn table slag, they were also asking if we had a WAP for this.

Thank you for your help and please let me know if there is something I can do to help pull all of this together.

Shawn A. Estrada
Field Service Specialist
Clean Harbors Environmental Services
19320 Des Moines Memorial Dr.
Bldg. D, Suite 400
SeaTac, WA 98148
Office: 206.429.9127
Mobile: (b) (6)
Fax: 206.824.3507
estrada.shawn@cleanharbors.com

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CleanHarbors
ENVIRONMENTAL SERVICES®

14434 SE Industrial Way, Bldg C, Clackamas, Oregon 97015 • Phone 503.785.0404, Fax 503.786.7877

February 28, 2008

Washington State Department of Ecology
Hazardous Waste Information
PO Box 47658
Olympia, WA 98504-7658

RE: Alaskan Copper Works WAD980738546
2007 Washington State Waste Annual Report

To whom this may concern,

Please find the attached copy of the Alaskan Copper Works 2007 annual dangerous waste report. This report has been submitted electronically to the Washington State Department of Ecology on 1/15/2008. Please accept this hard copy with signature (Clean Harbors Environmental Services as Agent on behalf of Alaskan Copper Works).

Feel free to contact me should you have questions, concerns, or inquiries regarding environmental and health and safety issues.

Sincerely,

Matthew Dunn
Clean Harbors Environmental Services
Clackamas, Oregon
Office: 503-785-0404
Cell: (b) (6)
e-mail: dunn.matthew@cleanharbors.com

Form Approved. OMB No. 2050-0039

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number WAD980738548	2. Page 1 of 1	3. Emergency Response Phone See Block 14 below	4. Manifest Tracking Number 002947023 JJK

5. Generator's Name and Mailing Address
Alaskan Copper Works
3200 Sixth Avenue South
Seattle, WA 98124
Generator's Phone: 206 623-0570

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: SLT EXPRESS WAY — U.S. EPA ID Number: WTR000007708

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
World Resources Company
6113 West Sherman Street
Tolleson, AZ 85353
Facility's Phone: 602 233 0188 — U.S. EPA ID Number: AZD980735600

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. RQ, NA3077, Hazardous waste, solid, n.o.s., (D007), 9, III	41	DM	23295	P	D007
X	2. RQ, NA3077, Hazardous waste, solid, n.o.s., (F006), 9, III	02	CF	275	P	F006
	3.					
	4.					

14. Special Handling Instructions and Additional Information
PO #00 118314
EMERGENCY CONTACT
Call CHEM TREC at: 1-800-424-9300
Use company name: Alaskan Copper Company

15. GENERATOR'S/OFFICER'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental 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 certify that 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: Carmen J. Tarasco — Signature — Month 04 Day 11 Year 08

16. International Shipments: Import to U.S. — Export from U.S. — Port of entry/exit — Date leaving U.S.

Transporter signature (for exports only)

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Robert L. Hudson — Signature — Month 04 Day 11 Year 08

Transporter 2 Printed/Typed Name — Signature — Month Day Year

18. Discrepancy

18a. Discrepancy Indication Space: Quantity — Type — Residue — Partial Rejection — Full Rejection

Manifest Reference Number: — U.S. EPA ID Number

18b. Alternate Facility (or Generator)

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H050 2. H039 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Raul Rodriguez — Signature — Month 04 Day 08 Year 08

GENERATOR — TRANSPORTER — DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete. DESIGNATED FACILITY'S COPY

AKC-0026072

825146 96935

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number WAD980738546	2. Page 1 of 1	3. Emergency Response Phone (800) 567-7433	4. Manifest Tracking Number 001884818 JJK

5. Generator's Name and Mailing Address: ALASKAN COPPER WORKS, 628 HANFORD ST, SEATTLE WA 98134 (206)382-0579

Generator's Site Address (if different than mailing address): ALASKAN COPPER WORKS, 628 S HANFORD, SEATTLE WA 98134 (206)382-0579

6. Transporter 1 Company Name: BURLINGTON ENVIRONMENTAL, INC. — U.S. EPA ID Number: WAR000001743

7. Transporter 2 Company Name: — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: BURLINGTON ENVIRONMENTAL, INC. KENT FACILITY, 20415 77TH AVENUE SOUTH, KENT, WA 98032 (253) 872-8830 — U.S. EPA ID Number: WAD991281767

125386 900

Generator	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1.	MATERIAL NOT REGULATED BY D.O.T.	1	CF	300	P	
	2.						
	3.						
	4.						

14. Special Handling Instructions and Additional Information: (1) INCINERATE-04 LATEX PAINT

PO # M118358

15. 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/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental 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 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 management practice that I can afford.

Printed/Typed Name: A. Thompson — Signature: [signature] — Month 10 Day 15 Year 08

16. International Shipments: Import to U.S. — Export from U.S. — Port of entry/exit: Date leaving U.S.:

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed/Typed Name: MARK BOWMAN — Signature: [signature] — Month 10 Day 15 Year 08

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed/Typed Name: — Signature: — Month Day Year

19. Discrepancy Indication Space: Quantity — Type — Residue — Partial Rejection — Full Rejection

Manifest Reference Number:

20. Alternate Facility (or Generator): — U.S. EPA ID Number:

Facility's Phone:

21. Signature of Alternate Facility (or Generator): — Month Day Year

22. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems): 1. H111 2. 3. 4.

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

Printed/Typed Name: Leslie Hanson — Signature: [signature] — Month 11 Day 18 Year 08

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete. DESIGNATED FACILITY TO GENERATOR

JAN 9 AM 11:09

AKC-0026073

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	WAD980738546	1	1-800-424-9300	002544960 JJK

5. Generator's Name and Mailing Address
Alaskan Copper Works
3200 Sixth Avenue South
Seattle, WA 98124
Generator's Phone: 206.362.8379

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: STL — U.S. EPA ID Number: UTR000007708

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
World Resources Company
8113 West Sherman Street
Tolleson, AZ 85353
Facility's Phone: (602) 233-9166

U.S. EPA ID Number: AZD980735500

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. RQ, NA 3077, Hazardous waste, solid, n.o.s. (F006), 9, III	001	CF	1555	P	F006
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Use CHEMTREC company code "WORR"
PO # M118916

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Gerald A. Thompson — Signature: [signature] — Month 03 Day 10 Year 08

16. International Shipments: ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Wilbur Slover — Signature: [signature] — Month 03 Day 10 Year 08
Transporter 2 Printed/Typed Name — Signature — Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space: ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H129 H039 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Danny Rodriguez — Signature: [signature] — Month 03 Day 17 Year 08

GENERATOR — TRANSPORTER/INTL — DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete. **DESIGNATED FACILITY TO GENERATOR**

AKC-0026074

854235 38194

Form Approved. OMB No. 2050-0039

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	WAD980738546	1	(877) 577-2669	003620233 JJK

5. Generator's Name and Mailing Address
ALASKAN COPPER WORKS
628 HANFORD ST
SEATTLE WA 98134 (206)382-8379

Generator's Site Address (if different than mailing address)
ALASKAN COPPER WORKS
628 S HANFORD
SEATTLE WA 98134 (206)382-8379

Generator's Phone:

6. Transporter 1 Company Name: BURLINGTON ENVIRONMENTAL, INC. — U.S. EPA ID Number: WAR000001743

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
BURLINGTON ENVIRONMENTAL, INC. KENT FACILITY
20245 77TH AVENUE SOUTH
Facility's Phone: KENT, WA 98032 (253) 872-8030
U.S. EPA ID Number: WAD991281767

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. MATERIAL NOT REGULATED BY D.O.T (WASHINGTON STATE DANGEROUS WASTE ONLY, TOXIC)	1	DM	55	G	WTD2
	2. MATERIAL NOT REGULATED BY D.O.T.	1	DM	30	G	
	3. MATERIAL NOT REGULATED BY D.O.T.	3	DM	110	G	
	4. MATERIAL NOT REGULATED BY D.O.T. (SPENT ANTIFREEZE, USED OIL)	2	DM	80	G	

14. Special Handling Instructions and Additional Information
(1) [illegible] (2) [illegible] (3) [illegible] (4) [illegible]
SAN COOLANT (390) IR
P.O. # M 119681

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Garcia Thompson — Signature: [signature] — Month 5 Day 30 Year 08

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:
Transporter signature (for exports only):

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Steve Glenn — Signature: Steve Glenn — Month 5 Day 30 Year 08
Transporter 2 Printed/Typed Name — Signature — Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H141	H061	H061	H141

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Cassandra Gallegos — Signature: C. Gallegos — Month 5 Day 30 Year 08

Form 6700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR
MAY 30 PM 2:40

GENERATOR — TRANSPORTER INT'L — DESIGNATED FACILITY

50 JK

7-092-01

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved, OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number: WAD980738546	2. Page 1 of 1	3. Emergency Response Phone: 1-800-468-1760	4. Manifest Tracking Number: 000920743 SKS

5. Generator's Name and Mailing Address
ALASKAN COPPER WORKS
3200 6TH AVE S
SEATTLE WA 98134
Generator's Phone: 206-382-8373

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: SAFETY-KLEEN SYSTEMS, INC.
U.S. EPA ID Number: TXR000050930

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
SAFETY-KLEEN SYSTEMS, INC. 000789
16540 SE 130TH AVE BLDG B
CLACKAMAS OR 97015
Facility's Phone: 503-657-7033
U.S. EPA ID Number: ORD981766124

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. WASTE COMBUSTIBLE LIQUID, N.O.S. (PETROLEUM NAPHTHA)NA1993 PGIII	2	DM	28	G	D039
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information: SK TRCK#109279788 0035971952 0002341057 0810 24
1)ERG#128

SEE ATTACHMENT

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Kenneth Thompson
Signature: [signature]
Month Day Year: 03 17 08

16. International Shipments: ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Jonathan Fawcett
Signature: [signature]
Month Day Year: 03 17 08
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year:

18. Discrepancy
18a. Discrepancy Indication Space: ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H141 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Oscar Cossio
Signature: [signature]
Month Day Year: 3 20 08

GENERATOR

TRANSPORTER INC.

DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.
1)0000717 2) 3) 4)

DESIGNATED FACILITY TO GENERATOR

AKC-0026076

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	WAD980738546	1	1-800-424-9300	002544961 JJK

5. Generator's Name and Mailing Address
Alaskan Copper Works
3200 Sixth Avenue South
Seattle, WA 98124
Generator's Phone: 206-382-8379

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: SLT EXPRESSWAY — U.S. EPA ID: UTR[redacted]9

7. Transporter 2 Company Name — U.S. EPA ID Number: [redacted]

8. Designated Facility Name and Site Address
World Resources Company
6113 West Sherman Street
Tolleson, AZ 85353
Facility's Phone: 602-233-9166

U.S. EPA ID Number: AZD980735500

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
1.	RQ, NA 3077, Hazardous waste, solid, n.o.s. (F006), 9, III	002	CF	2867	P	F006
2.						
3.						
4.						

14. Special Handling Instructions and Additional Information
Use CHEMTREC company code "WORR"
P.O. #M 119599

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: GERALD A. THOMPSON — Signature: [signature] — Month 5 Day 22 Year 08

16. International Shipments: ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.
Transporter signature (for exports only):

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: WILLIAM ROWELL — Signature: William Rowell — Month 5 Day 22 Year 08
Transporter 2 Printed/Typed Name: — Signature: — Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space: ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number:
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
~~H120~~ H039			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: DANNY RODRIGUEZ — Signature: [signature] — Month 05 Day 27 Year 08

GENERATOR / INTL / TRANSPORTER / DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

AKC-0026077

1-181-01

Form Approved. OMB No. 2050-0039

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: WAD980738546
2. Page 1 of: 1
3. Emergency Response Phone: 1-800-468-1760
4. Manifest Tracking Number: 000698729 SKS

5. Generator's Name and Mailing Address: ALASKAN COPPER WORKS, 3200 6TH AVE S, SEATTLE WA 98134
Generator's Site Address (if different than mailing address):
Generator's Phone: 206-382-6373

6. Transporter 1 Company Name: SAFETY-KLEEN SYSTEMS, INC. — U.S. EPA ID Number: TXR000050930

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: SAFETY-KLEEN SYSTEMS, INC. 000789, 16540 SE 130TH AVE BLDG B, CLACKAMAS OR 97015 — U.S. EPA ID Number: ORD981766124
Facility's Phone: 503-657-7033

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. WASTE COMBUSTIBLE LIQUID, N.O.S. (PETROLEUM NAPHTHA)NA1993 PGIII	1	DM	16	G	D039		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information: SK TRCK#109589038 0036644113 0002341057 0823 24
1)ERG#128

SEE ATTACHMENT

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: GERARD A. THOMPSON — Signature: [signature] — Month 6 Day 12 Year 08

16. International Shipments: ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:
Transporter signature (for exports only):

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Scott Bruly — Signature: [signature] — Month 6 Day 12 Year 08
Transporter 2 Printed/Typed Name: — Signature: — Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space: ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H141 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Oscar Cosley — Signature: [signature] — Month 6 Day 15 Year 08

GENERATOR — INTL — TRANSPORTER — DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete. DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

1)0000717 2) 3) 4)

859479 43813

Form Approved. OMB No. 2050-0039

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number: WAD980738546	2. Page 1 of 2	3. Emergency Response Phone: (877) 577-2669	4. Manifest Tracking Number: 004058421 JJK

5. Generator's Name and Mailing Address
ALASKAN COPPER WORKS
628 HANFORD ST
SEATTLE WA 98134 (206)382-8379

Generator's Site Address (if different than mailing address)
ALASKAN COPPER WORKS
628 S HANFORD
SEATTLE WA 98134 (206)382-8379

Generator's Phone:

6. Transporter 1 Company Name: BURLINGTON ENVIRONMENTAL, INC. — U.S. EPA ID Number: WAR000001743

7. Transporter 2 Company Name: — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
BURLINGTON ENVIRONMENTAL, INC. KENT FACILITY
20245 77TH AVENUE SOUTH
KENT, WA 98032 (253) 872-8030

Facility's Phone: — U.S. EPA ID Number: WAD991281767

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	Type	11. Total Quantity	12. Unit WL/Vol.	13. Waste Codes	
RQ	1. UN1263 WASTE PAINT 3 PGII RQ(D001)	1	DM	200	P	D001	D008
RQ	2. UN1263 WASTE PAINT 3 PGII DOT SP-11624 RQ(D001)	1	CF	600	P	D001	D008
X	3. UN1950 WASTE AEROSOLS, 2.1	1	DF	15	P	D001	
X	4. UN2929 WASTE TOXIC LIQUIDS, FLAMMABLE, ORGANIC, N.O.S. (ISOCYANATES, TOLUENE) 6.1 (3) PGII "TOXIC"	1	DM	60	P	D001	D002

14. Special Handling Instructions and Additional Information
(1) INSPRM-05 - ERG(128) LOOSEPACK PAINT RELA (2) INSPRM-05 - ERG(128) LOOSEPACK PAINT RELA (3) INS2.1-04 - ERG(126)
[illegible] - ERG(131) TOXICS CLASS 6.1 LAB
PO # 119814

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Francis Thompson — Signature: [signature] — Month 6 Day 23 Year 08

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.
Transporter signature (for exports only):

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Steve Abek — Signature: [signature] — Month 6 Day 23 Year 08
Transporter 2 Printed/Typed Name: — Signature: — Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H141 2. H141 3. H141 4. H141

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Natasha Cauer — Signature: Natasha [signature] — Month 6 Day 23 Year 08

GENERATOR — TRANSPORTER — DESIGNATED FACILITY

AKC-0026079

1-181-01

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number WAD980738546	2. Page 1 of 1	3. Emergency Response Phone 1-800-468-1760	4. Manifest Tracking Number 001113240 SKS

5. Generator's Name and Mailing Address
ALASKAN COPPER WORKS
3200 6TH AVE S
SEATTLE WA 98134
Generator's Phone: 206-382-8373

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: SAFETY-KLEEN SYSTEMS, INC. U.S. EPA ID Number: TXR000050930

7. Transporter 2 Company Name: U.S. EPA ID Number:

8. Designated Facility Name and Site Address: SAFETY-KLEEN SYSTEMS, INC. 000789
16540 SE 130TH AVE BLDG B
CLACKAMAS OR 97015
Facility's Phone: 503-657-7033
U.S. EPA ID Number: ORD981766124

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. WASTE COMBUSTIBLE LIQUID, N.O.S. (PETROLEUM NAPHTHA)NA1993 PGIII	1	DM	12	G	D039
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information: SK TRCK#109645151 0026757691 0002341057 0828 27
1)ERG#128

SEE ATTACHMENT

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator/Offeror's Printed/Typed Name: PH Monsaas Signature: [signature] Month 7 Day 8 Year 08

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Brian Tobias Signature: [signature] Month 7 Day 8 Year 08
Transporter 2 Printed/Typed Name: Signature: Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H141 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: [signature] Signature: [signature] Month 7 Day 10 Year 8

GENERATOR / TRANSPORTER INT'L / DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.
1)0000717 2) 3) 4)
DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

861104 47408

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved, OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: WAD980738546
2. Page 1 of 1
3. Emergency Response Phone: (877) 577-2669
4. Manifest Tracking Number: 003620348 JJK

5. Generator's Name and Mailing Address: ALASKAN COPPER WORKS, 620 DANFORD ST, SEATTLE, WA 98134 (206)382-8379

Generator's Site Address (if different than mailing address): ALASKAN COPPER WORKS, 620 S HANFORD, SEATTLE WA 98134 (206)382-8379

6. Transporter 1 Company Name: BURLINGTON ENVIRONMENTAL, INC. — U.S. EPA ID Number: WAR000001743

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: BURLINGTON ENVIRONMENTAL, INC. KENT FACILITY, 20245 72ND AVENUE SOUTH, KENT, WA 98032 (253) 872-0030 — U.S. EPA ID Number: WAD991281767

Facility's Phone:

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. MATERIAL NOT REGULATED BY D.O.T.	2	DM	35	G	
	2. MATERIAL NOT REGULATED BY D.O.T. (SPENT ANTIFREEZE, USED OIL)	1	DM	55	G	
X	3. HAZARD HAZARDOUS WASTE, LIQUID, N.O.S. (FOOD SLUDGE) 9 PG III	2	DM	1000	P	F006
	4.					

14. Special Handling Instructions and Additional Information: (1) 53922-13 - OIL, DIESEL, WATER (2) 54185-12 - SAW COOLANT (390) OR (3) 387462-00 - COOLANT (171) NEVERTHEY FREE CHEM

15. GENERATOR'S/ORIGINATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator/Owner's Printed/Typed Name: Gene A. Thompson — Signature: [signature] — Month 7 Day 10 Year 08

16. International Shipments: ☐ Import to U.S. ☐ Export from U.S. — Port of entry/exit: — Date leaving U.S.:

Transporter signature (for exports only):

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Steve Glenn — Signature: Steve Glenn — Month 7 Day 10 Year 08

Transporter 2 Printed/Typed Name — Signature — Month Day Year

18. Discrepancy

18a. Discrepancy Indication Space: ☒ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1. H061 2. H141 3. H141 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Natasha Gler — Signature: Natasha Gler — Month 7 Day 10 Year 08

GENERATOR — TRANSPORTER — DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

JUL 10 PM 4:22

AKC-0026081

NON-HAZARDOUS WASTE MANIFEST

G71940774

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: WAD980738546

Manifest Document No.: 07108A

2. Page 1 of 1

3. Generator's Name and Mailing Address: Alaskan Copper + Brass Company, 3223 6th Ave, Seattle, WA 98134

4. Generator's Phone (206) 793-3430

5. Transporter 1 Company Name: Clean Harbors Environmental

6. US EPA ID Number: MAD039322250

A. State Transporter's ID:

B. Transporter 1 Phone: 206-291-9100

7. Transporter 2 Company Name: SCT / Express Subu Inc

8. US EPA ID Number: UTR000007728

C. State Transporter's ID:

D. Transporter 2 Phone:

9. Designated Facility Name and Site Address: Clean Harbors Grassy Mountain, 3 miles East 7 miles North of Knolls, Grantsville, UT 84029

10. US EPA ID Number: UTD991301748

E. State Facility's ID:

F. Facility's Phone:

11. WASTE DESCRIPTION	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.
a. Material Not Regulated by D.O.T.	13	55 DM	715	G
b.				
c.				
d.				

G. Additional Descriptions for Materials Listed Above: Profile # CH319201 Sump water + Solids

H. Handling Codes for Wastes Listed Above: 03/H132

15. Special Handling Instructions and Additional Information

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name	Signature	Date Month	Day	Year
Gerald A. Thompson	[signature]	7	11	08

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year
[illegible]	[signature]	7	11	08

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year
Glen R Rochelle	Glen R Rochelle	7	16	08

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

2008003486

Printed/Typed Name	Signature	Date Month	Day	Year
Heather Vowles	Heather Vowles	8	1	08

NON-HAZARDOUS WASTE

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AKC-0026082

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: WAD980738546
2. Page 1 of 1
3. Emergency Response Phone: 1-800-424-9300
4. Manifest Tracking Number: 002544962 JJK

5. Generator's Name and Mailing Address
Alaskan Copper Works
3200 Sixth Avenue South
Seattle, WA 98124
Generator's Phone: 206-382-8379

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: SLT Expressway — U.S. EPA ID Number: WTR 000007308

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
World Resources Company
2113 West Sherman Street
Tolleson, AZ 85353
Facility's Phone: 602 233 9188 — U.S. EPA ID Number: AZD980736500

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, NA 3077, Hazardous waste, solid, n.o.s. (F006), 9, III	002	CF	2619	P	F006		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information

Use CHEMTREC company code "VCORR"

P.O. #m02779

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: GERALD THOMPSON — Signature: [signature] — Month 7 Day 29 Year 08

16. International Shipments: ☐ Import to U.S. ☐ Export from U.S. — Port of entry/exit: Date leaving U.S.:

Transporter signature (for exports only):

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: [illegible] — Signature: [signature] — Month 7 Day 29 Year 08

Transporter 2 Printed/Typed Name — Signature — Month Day Year

18. Discrepancy

18a. Discrepancy Indication Space: ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

18b. Alternate Facility (or Generator) — Manifest Reference Number — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H129			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Ken Gillum — Signature: [signature] — Month 08 Day 04 Year 08

GENERATOR — TRANSPORTER — DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

AKC-0026083

1-181-01

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

1. UNIFORM HAZARDOUS WASTE MANIFEST	2. Page 1 of 1	3. Emergency Response Phone: 1-800-468-1760	4. Manifest Tracking Number: 001414189 SKS

5. Generator's Name and Mailing Address: ALASKAN COPPER WORKS, 2300 4TH AVE S, SEATTLE WA 98134

Generator's Site Address (if different than mailing address)

Generator's Phone: 206-382-8373

6. Transporter 1 Company Name: SAFETY-KLEEN SYSTEMS, INC. — U.S. EPA ID Number: TXR000050780

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: SAFETY-KLEEN SYSTEMS, INC. 14520 SE 130TH AVE BLDG B CLACKAMAS OR 97015 — 000789 — U.S. EPA ID Number: ORD981766124

Facility's Phone: 503-657-7032

Special Handling Instructions and Additional Information	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group, if any)	10. Containers No.	Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	WASTE COMBUSTIBLE LIQUID, N.O.S. (PETROLEUM NAPHTHA) NA1993 PGIII	2	DM	30	P	D039

14. Special Handling Instructions and Additional Information: SK TRX000050780 0027016078 0002341087 0002 27

15. GENERATOR'S/TOBOR'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 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 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 certify that I have made a good faith effort to minimize my waste generation and select the best management practice that is available to me and that I can afford.

Printed/Typed Name: Cheryl A Thomas — Signature: — Month Day Year: 7 17 97

16. International Shipments: Import to U.S. — Export from U.S. — Port of entry/exit: — Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials

Printed/Typed Name: Michael J Acord — Signature: — Month Day Year: 7 17 97

18. Transporter 2 Acknowledgment of Receipt of Materials — Printed/Typed Name: — Signature: — Month Day Year:

19. Discrepancy

19a. Discrepancy Indication Space: Quantity: Type: Residue: Partial Rejection: Full Rejection:

20. Alternate Facility (or Generator): Manifest Reference Number: U.S. EPA ID Number:

Facility's Phone:

20a. Designated Alternate Facility (or Generator) — Month Day Year:

21. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems): 1. H141 2. 3. 4.

22. I certify that the materials described on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Oscar Gostin — Signature: — Month Day Year: 8 30 97

EPA Form 8700-22 (Rev. 3-05). Previous editions are obsolete.

1) 10000717 2) 3) 4) DESIGNATED FACILITY TO GENERATOR

AKC-0026084

1-181-01

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number WAD980738546	2. Page 1 of 1	3. Emergency Response Phone 1-800-468-1760	4. Manifest Tracking Number 001465424 SNS

5. Generator's Name and Mailing Address
ALASKAN COPPER WORKS
3200 6TH AVE S
SEATTLE WA 98134
Generator's Phone: 206-382-8373

Generator's Site Address (if different than mailing address)

DEC 10 2008
Received

6. Transporter 1 Company Name: SAFETY-KLEEN SYSTEMS, INC. — U.S. EPA ID Number: TXR000050930

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: SAFETY-KLEEN SYSTEMS, INC. 000789
16540 SE 130TH AVE BLDG 8
CLACKAMAS OR 97015
Facility's Phone: 503-657-7033 — U.S. EPA ID Number: ORD981764124

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	WASTE COMBUSTIBLE LIQUID, N.O.S. (PETROLEUM DISTILLATES) NA1993 PGIII	1	DM	15	G	D001

14. Special Handling Instructions and Additional Information
SK TRCK#110017274 00078879 00025 1027 0848 EF
1X000115K

15. GENERATOR'S/OFFICER'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/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter I also certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.

Printed/Typed Name: Signature: Month Day Year

16. International Shipments: Import to U.S. Export from U.S. Port of entry/exit: Date leaving U.S.:

Transporter Acknowledgment of Receipt of Materials: Printed/Typed Name: Signature: Month Day Year

Transporter Acknowledgment of Receipt of Materials: Printed/Typed Name: Signature: Month Day Year

17. Discrepancy Indication Space: Quantity Type Residue Partial Rejection Full Rejection

Manifest Reference Number: U.S. EPA ID Number:

18. Waste Shipment Handling Codes for Facilities Listed in Item 8:

Facility's Phone:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste handling, recycling, systems):

1. H141 2. 3. 4.

20. I certify the materials described on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Materials under 49 CFR Part 172 or 173.

Printed/Typed Name: Oscar Costa Signature: Month 12 Day 15 Year 08

Form 8700-22 (Rev. 9-05) Previous editions are obsolete. 3) 4) DESIGNATED FACILITY TO GENERATOR

AKC-0026085

Please ~~print or type~~ (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	WAD980738546	1	See Block 14 below	003760812 JJK

5. Generator's Name and Mailing Address
Alaskan Copper Works
3200 Sixth Avenue South
Seattle, WA 98124
Generator's Phone: 206 282 8370

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: SLT — U.S. EPA ID Number: UTR000007708

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
World Resources Company
8113 West Sherman Street
Tolleson, AZ 85353
Facility's Phone: (602) 233 9166

U.S. EPA ID Number: AZD980735500

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. RQ, NA3077, Hazardous waste, solid, n.o.s. (F006), 9, III	002	CF	2629	P	F006
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information

P.O.# M121224

EMERGENCY CONTACT
Call INFOTRAC at: 1-800-535-5053
Use company name "World Resources Company"

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Gerald A. Thompson — Signature: [signature] — Month 12 Day 02 Year 08

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Wayne Gillow — Signature: [signature] — Month 12 Day 2 Year 8
Transporter 2 Printed/Typed Name — Signature — Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H039 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Kurt Gillum — Signature: Kurt Gillum — Month 12 Day 08 Year 08

GENERATOR — TRANSPORTER (INTL) — DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

AKC-0026086

NON-HAZARDOUS WASTE MANIFEST

G72163435-002

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: WAD980738546

Manifest Document No.:

2. Page 1 of 1

3. Generator's Name and Mailing Address: Alaskan Copper & Brass Company, 3223 6th Ave, Seattle, WA

4. Generator's Phone: (206) 623-5800

5. Transporter 1 Company Name: Clean Harbors Environmental

6. US EPA ID Number: MAD039322250

A. State Transporter's ID:

B. Transporter 1 Phone: 781-792-5000

7. Transporter 2 Company Name:

8. US EPA ID Number:

C. State Transporter's ID:

D. Transporter 2 Phone:

9. Designated Facility Name and Site Address: Clean Harbors Grassy Mountain LLC, 3 miles East 7 miles North of Knolls, Grantsville, UT 84029

10. US EPA ID Number: UTD991301748

E. State Facility's ID:

F. Facility's Phone: 435-884-8900

11. WASTE DESCRIPTION	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.
a. NONE, NON RCRA Waste Liquids, N/A	3	DM	750	P
b.				
c.				
d.				

G. Additional Descriptions for Materials Listed Above: Emergency phone Number 800-483-3718

H. Handling Codes for Wastes Listed Above:

15. Special Handling Instructions and Additional Information: PO# M03233

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: Gerald Thompson | Signature: [signature] | Date: Month 12 Day 5 Year 08

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Nathan Gerry | Signature: [signature] | Date: Month 12 Day 5 Year 08

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name: | Signature: | Date: Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: | Signature: | Date: Month Day Year

GENERATOR / TRANSPORTER / FACILITY

NON-HAZARDOUS WASTE

GF14 © 2002 LABELMASTER® (800) 621-5808 www.labelmaster.com

G72163435-00

G72163435-002 SC PPW 11/20/2008

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: WAD980738546
2. Page 1 of 1
3. Emergency Response Phone: (800) 483-3718
4. Manifest Tracking Number: 002260393 FLE

5. Generator's Name and Mailing Address:
Alaskan Copper & Brass Company
3223 6th Ave
Seattle, WA 98134
Generator's Phone: (206) 623-5800 ATTN: Gerald Thompson

Generator's Site Address (if different than mailing address):
3200 6th Ave
Seattle, WA 98134

6. Transporter 1 Company Name: Clean Harbors Environmental Services Inc
U.S. EPA ID Number: MAD039322250

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address:
Clean Harbors San Jose LLC
1021 Berryessa Road
San Jose, CA 95133
Facility's Phone: (408) 441-0962
U.S. EPA ID Number: CAD059494310

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. RQ, NA3077, HAZARDOUS WASTE, SOLID, N.O.S., (LEAD), 9, PG III (5)	001	DM	150	P	D008
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1. CH942762 ERG#171

P.O.# M03414

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Gerald A. Thompson
Signature: [signature]
Month 12 Day 15 Year 08

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: [illegible]
Signature: [signature]
Month 12 Day 15 Year 08
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name
Signature
Month Day Year

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

Clean Harbors has the appropriate permits for and will accept the waste the generator is shipping.

GENERATOR'S INITIAL COPY

1-181-01

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: WAD980738546
2. Page 1 of: 1
3. Emergency Response Phone: 1-800-468-1760
4. Manifest Tracking Number: 000877039 SKS

5. Generator's Name and Mailing Address: ALASKAN COPPER WORKS, 3200 6TH AVE S, SEATTLE WA 98134
Generator's Site Address (if different than mailing address):
Generator's Phone: 206-382-8373

6. Transporter 1 Company Name: SAFETY-KLEEN SYSTEMS, INC.
U.S. EPA ID Number: TXR000050930

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address: SAFETY-KLEEN SYSTEMS, INC. 000789, 16540 SE 130TH AVE BLDG B, CLACKAMAS OR 97015
U.S. EPA ID Number: ORD981766124
Facility's Phone: 503-657-7033

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	WASTE COMBUSTIBLE LIQUID, N.O.S. (PETROLEUM NAPHTHA)NA1993 PGIII	03	DM	30	G	D039
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information: SK TRCK#110120159 0037929460 0002341057 0851 27
1)ENG#128

SEE ATTACHMENT

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: [illegible] Signature: [signature] Month 12 Day 10 Year 08

16. International Shipments: ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: [illegible] Signature: [signature] Month 12 Day 10 Year 08
Transporter 2 Printed/Typed Name: Signature: Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space: ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H141 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Signature: Month Day Year

GENERATOR / TRANSPORTER INT'L / DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.
1)0000717 2) 3) 4)

GENERATOR'S INITIAL COPY

AKC-0026089

World Resources Company

Form: FM-M01

RECYCLABLE MATERIAL PROFILE

EXHIBIT A

Generator Name: Alaskan Copper Works — **Company I.D. #: 22149-001-03**

A. Generator Information

1. Address: 3200 Sixth Avenue South
   Seattle
   WA 98124
2. Contact: Gerald Thompson
   Title: Environmental Assistant
3. Material EPA Waste Code: D007
4. Generator's EPA I.D. Number: WAD980738546
5. Generator's State I.D. Number:

B. Recyclable Material Characteristics

1. Color(s): Black

2. Odor (none,mild,strong): None
Description of Odor:

3. Moisture (wet,damp,dry): Wet
Percent Solids: 48.9

4. pH (EPA SW 846, method 9040/9045): pH: 8.53 @ 19.9°C

5. Ignitability (40 CFR §261.21): ☑ PASS ☐ FAIL

6. Texture (similar to): ☑ Wet Clay ☐ Dry Clay ☐ Sand ☐ Powder ☐ Other

7. Appearance: ☑ Homogenous ☐ Bilayered ☐ Multilayered

8. Organic Vapors: ☑ Not Present (< 1ppm) ☐ Present
If present, identify compounds and amount in ppm on a wet basis.
☑ Pass ☐ Fail

9. Free Liquids (EPA SW 846, Method 9095): ☑ Not Present ☐ Present

10. Debris: ☑ Not Present ☐ Present

11. Reactivity: ☑ Not Reactive ☐ Reactive

12. Radionuclides (ASTM D5928-96): ☑ Not Detected ☐ Detected

13. Cyanide Gas HCN: ☑ Not Detected ☐ Detected ____ ppm

C. Analytical Data

(Content on a dry weight basis in ppm or %)

Constituent *		Content	Qualifier
1. Aluminum [1]	Al	111698.0 ppm	M3
2. Antimony [1,†]	Sb	13.1 ppm	M2
3. Arsenic [1,†]	As	42.2 ppm	
4. Barium [1,†]	Ba	< 10.0 ppm	
5. Beryllium [1,†]	Be	< 10.0 ppm	M7
6. Bismuth [1]	Bi	85.6 ppm	
7. Cadmium [1,†]	Cd	< 20.0 ppm	
8. Calcium [1]	Ca	288.4 ppm	
9. Chloride [4]	Cl^-	0.13 %	
10. Chromium, Hexavalent [2]	Cr^{+6}	174.9 ppm	
11. Chromium, Total [1,†]	Cr	71921.1 ppm	M3
12. Cobalt [1]	Co	795.7 ppm	M3
13. Copper [1,†]	Cu	36296.4 ppm	M2
14. Cyanide, Amenable [3,†]	CN^-	not analyzed	
15. Cyanide, Total [3,†]	CN^-	< 20.5 ppm	Z2, Z3
16. Fluoride [4]	F^-	0.03 %	
17. Iron [1]	Fe	356654.0 ppm	M3
18. Lead [1,†]	Pb	32.8 ppm	
19. Magnesium [1]	Mg	3324.9 ppm	
20. Manganese [1]	Mn	8403.1 ppm	M3
21. Mercury [1]	Hg	< 3.3 ppm	
22. Nickel [1,†]	Ni	50190.3 ppm	M3
23. Selenium [1,†]	Se	< 50.0 ppm	
24. Silver [1,†]	Ag	< 5.0 ppm	M2
25. Thallium [1,†]	Tl	23.4 ppm	
26. Tin [1,†]	Sn	< 100.0 ppm	
27. Zinc [1,†]	Zn	2264.2 ppm	

*** Analytical Procedure References**

1. EPA Method SW846 3050 / 6010 (Digestion / Analysis)
2. EPA Method SW846 3060 / 7196 (Extraction / Analysis)
3. EPA Method SW846 9010 / 9213 or 9014 (Distillation / Anaylsis)
4. HNO_3 or H_2O_2 / EPA Method SW846 9056 (Digestion / Analysis)

† Licensed Constituent

D. Certification

I hereby certify that all information submitted in this profile is complete and accurate to the best of my knowledge and belief.

Signed: _____ Date: 4/23/08

Title: Laboratory Manager AZ DHS #: AZ0586

AZF004\\F21 revised 2/1/2007

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World Resources Company

Form: FM-M01

RECYCLABLE MATERIAL PROFILE

EXHIBIT A

Generator Name: Alaskan Copper Works **Company I.D. #: 22149-001-01**

A. Generator Information

1. Address: 3200 Sixth Avenue South
   Seattle
   WA 98124
2. Contact: Gerald Thompson
   Title: Environmental Assistant
3. Material EPA Waste Code: F006
4. Generator's EPA I.D. Number: WAD980738546
5. Generator's State I.D. Number:

B. Recyclable Material Characteristics

1. Color(s): Brown

2. Odor (none,mild,strong): None
Description of Odor:

3. Moisture (wet,damp,dry): Wet
Percent Solids: 21.7

4. pH (EPA SW 846, method 9040/9045) pH: 8.73 @ 19.8°C

5. Ignitability (40 CFR §261.21) ☑ PASS ☐ FAIL

6. Texture (similar to)
☑ Wet Clay
☐ Dry Clay
☐ Sand
☐ Powder
☐ Other

7. Appearance
☑ Homogenous
☐ Bilayered
☐ Multilayered

8. Organic Vapors ☐ Present
☑ Not Present (< 1ppm)
If present, identify compounds and amount in ppm on a wet basis.
☑ Pass
☐ Fail

9. Free Liquids (EPA SW 846, Method 9095)
☑ Not Present ☐ Present

10. Debris
☑ Not Present
☐ Present

11. Reactivity
☑ Not Reactive
☐ Reactive

12. Radionuclides (ASTM D5928-96)
☑ Not Detected ☐ Detected

13. Cyanide Gas HCN
☑ Not Detected
☐ Detected _____ ppm

C. Analytical Data

(Content on a dry weight basis in ppm or %)

Constituent *		Content	Qualifier
1. Aluminum [1]	Al	10006.8 ppm	M3
2. Antimony [1,†]	Sb	21.6 ppm	M2
3. Arsenic [1,†]	As	68.2 ppm	
4. Barium [1,†]	Ba	119.6 ppm	
5. Beryllium [1,†]	Be	< 10.0 ppm	
6. Bismuth [1]	Bi	99.9 ppm	
7. Cadmium [1,†]	Cd	< 20.0 ppm	
8. Calcium [1]	Ca	15688.1 ppm	
9. Chloride [4]	Cl^-	0.24 %	
10. Chromium, Hexavalent [2]	Cr^{+6}	3146.2 ppm	
11. Chromium, Total [1,†]	Cr	52088.2 ppm	
12. Cobalt [1]	Co	787.5 ppm	
13. Copper [1,†]	Cu	27274.3 ppm	
14. Cyanide, Amenable [3,†]	CN^-	not analyzed	
15. Cyanide, Total [3,†]	CN^-	< 46.1 ppm	Z2, Z3
16. Fluoride [4]	F^-	0.52 %	
17. Iron [1]	Fe	274339.0 ppm	
18. Lead [1,†]	Pb	97.3 ppm	
19. Magnesium [1]	Mg	3405.3 ppm	
20. Manganese [1]	Mn	6720.9 ppm	
21. Mercury [1]	Hg	< 3.3 ppm	
22. Nickel [1,†]	Ni	56421.2 ppm	
23. Selenium [1,†]	Se	< 50.0 ppm	
24. Silver [1,†]	Ag	< 5.0 ppm	M2
25. Thallium [1,†]	Tl	< 20.0 ppm	
26. Tin [1,†]	Sn	136.5 ppm	
27. Zinc [1,†]	Zn	908.3 ppm	

*** Analytical Procedure References**

1. EPA Method SW846 3050 / 6010 (Digestion / Analysis)
2. EPA Method SW846 3060 / 7196 (Extraction / Analysis)
3. EPA Method SW846 9010 / 9213 or 9014 (Distillation / Anaylsis)
4. HNO_3 or H_2O_2 / EPA Method SW846 9056 (Digestion / Analysis)

† Licensed Constituent

D. Certification

I hereby certify that all information submitted in this profile is complete and accurate to the best of my knowledge and belief.

Signed: _____ Date: 2/7/08

Title: Laboratory Manager AZ DHS #: AZ0586

AZF004\\F21 revised 2/1/2007

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CRTAPT@CCR	CCAMAMARP- V-		[* 0 PRAI NNA@M	BC>CC	J AMA
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CST@T@OCR	OC@SMMPNAUUV		, Q0 PRCI BSSOC	@RNI >OC	J CAC
CI TACT@OCR	OOBN@BMRUUV		L , 0 PPA@RAI NI	AOOC>OC	J CAC
CI T@MI@OCR	OC@SMMPN@UUV		, Q0 PRCI BSSOC	@NAP>OC	J CAC
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34 "5 & # !7

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I ,C2 SS>CC [ ] C% 5 [ ] 3%2 ' 5 [ ] P$%/ !"* 5 [X] "4% 5

I ,C2' 2 R>SC [X] QR5$ "4 [ ] A= 8$&8& !"J$#0

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I ,E2

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L , 0 PPA@RAI N	J CNA	#SS>CC	#C>CC

I ,12

$2&< "# &AN$== ' T* * S ' S9999U	$&2& " $> 5#& <%&?* # L ?* R !	$&&2& # ! "4& O!"8V$) &W%	$J2&< 5$ "# ' & +"8$#0 &TOA< YU	J2&Z ?" #&0 &	J$2& " ") * #& W%
CSTBCT@CR	CCBN@@@BLUV		L , 0 PPA@RAI N	SS>CC	J CNA

W2&W% * #5

W(&1 #X+ D#C1 C, ABS#A' G" 3#AATAI T@CBZ

!6 R (8 R

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! "#$%& $(#") * #+(%+-.	! "##$

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: <$$#%: %+0%'%$$' %%B+-#%*) <% %+0-% : '#$% $(#") * #+(%) '%$: C%

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+ : '#$%-%<'BB$' %* (>$-+0: %A*: #$% : '#$%0-'(>%$%$* -C

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; (= ' . F 1 T4 % U! V1 2 U! %
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693@,(,' @B@0<+,-3. R TTU! 5 ?% S%LKLKM ZL%5 &RU4 % R3 RU!
60= = ' +,) .
C(+?&- D3B' . Q <$) @%%* #%BB9 P% ☐ Q$($-* #+- ☐ R-* (: B+-#$- ☒ R! 4 1 ☐ ! B$) "* % * : #$

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; (= ' . 4 'D$-: " '$' %R-* (: B+-# #+(
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5657 89' : ; <= >' -. 2 3 4 I LGMGMKW
; (= ' . 2 TU3 5 %3 1 \ 1 ! % 3 5 % ! U%T2
7 ??-')) . WZW%U1 1 / U! ! 3 % 34
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60= = ' +,) .
C(+?&- D3B' . Q <$) @%%* #%BB9 P% ☐ Q$($-* #+- ☐ R-* (: B+-#$- ☒ R! 4 1 ☐ ! B$) "* % * : #$

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; (= ' . 8X&T& %R1 3 5 ! 8 1 R3 R& 5 %5 4 % UY U4 & R& 5 %
7 ??-')) . WZMJL%T3 Q3 ! % ^ U
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60= = ' +,) .
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5657 89' : ; <= >' -. 1 4 GHWJNNWZM
; (= ' . ! 3 , UR/ %TUU5 % / ! RUY ! % 2 % WH I W
7 ??-')) . WLM % U%KI RX % ^ U
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5657 89' : ; <= >' -. F 34 GGWZHWJNJ

; (= ' . \ V1 T&5 QR 5 %J5 ^ &I 5 Y U5 R3 T%5 2 %U5 R

7 ??-')). ZI ZML%JRX %3 ^ U%

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; (= ' . \ V1 T&5 QR 5 %J5 ^ &I 5 Y U5 R3 T%5 2 %4 \ 3 %3 X &T&3

7 ??-')). WNZG%J%3 TUa 3 5 4 U1 %3 ^ U%/8 8 U1 %U^

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! "#$%&'(&)"'* +)"',- ")+-+/)+$ '0$#1 | * +)"',

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☐ 4" /)+9)"'8$(& 9%&, ($$+($, ' / 6 : &" 5* 6 ! 0&(& &, ($&) "6 7 >))&*($#& ? +(&@:ABC<BA==D

☒ 3 * 6 ! , &, ( ) (T& ! "#$%&'(&)"'A % 64"; $#) 52; $ 2&*($, <<7 - &! "($. Y&+"@A==D

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! "#$%&'(&)"'* +)"',- ")+-+/)+$ '0$#1 'O$)+ %'- P	* +)"',
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C+)=P))"FG+; @ Z 0+*; +6 +2P1 3 QM=<O
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2V3H=; "'$.'4 "! %6)"- '(&)"'A/)+9+)='0L #W): "' ; ; #$; #+)"'5$I "&'.$# /)+9+)+'&'):)' ; ; 6='

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23X" "#)$#$.' ! "#$%&'(&)"
OC: $$&"'$ 6='$ "'$.'): "'.$66$8 + ! '.$%#/)"! $#+'&P
☒ +H[_ W@+". & _ / +, ($4 W&, &"+(" 5W'&+(&" (T+, AFA== 0 2B6 7
☐ : HX _ W@X &%$ 6 _ / +, ($4 W&, &"+(" 5J &(S&&, A=FAFA== 0 2B6 7
☐ *H8 _ W@6 +0_ / +, ($4 W&, &"+(" 5[&22 (T+, AA= 0 2B6 7
☐ %H _ W@ - & / 0+(&%1 +2(& W&, &"+(&%
B30#'Y%' / ='$.'X" "#)+$
OC: $$&"'$ 6='$ "'$.'): "'.$66$8 + ! '): #'"')=; "&P
☒ +HX , (T04
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D3H# &; $#)"#$.' ! "#$%&'(&)"
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☐ K34 "/ =/ 6'#$.'? Z +)"'(&)"
5$H&HP , R2$& / 2&P"&/ 2& " "&*0+6 +($,) + S+2(& +)(&" $(T+2
: &&, . &, &"+(&%7
☐ M3H# &."#0 / +6)='$.' ! "#$%&'(&)"
☐ Q3N"#1 +)Z5=Z4 %6"'0NJ 4 P
☒ S3H#')1 ")Z5=ZX" "#)$#0HJ X P
☐ T3X" "#)$#$.'L +"- '4 - +$ /)+9"'(&)"
☐ U3,1 ; $#)"#$.' ! "#$%&'(&)"

☐ 2V3 ! "#$%&'(&)"'N"#1 +))"- '0 / +6)='Z 6&$'/ 6'- ' '
H#')1 ")[*)$# ! "[$# +&; $& 6OH* P0 / +6)=3
5- &a/ $&2 +, >* 0 . 4 G+"(3 " G+"(J ! &"6 $( ) " ? +, . &" / 2
1 +2(& 6 +, +. &6 &, (7H (&@ , R2$(& +**/ 6 / 0+($,) S+2(& : 4
+ . &, &"+(" % &2 , (/ 2/ +04 "&a/ $& + ! &"6 $( ) " 2("+. &H
☐ 2234 "/ =/ 6'#$.' ! "#$%&'(&)"'4 "/ "+9"- '.#$1 '? ..Z +)"'
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1 3Z <MDRC=CR<A=7H
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%HJ / ", &" 5$ %$+(& (4! &) * 6 : / 2($, / , $7
☐ <H] ($$4 J $&"
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☐ CH9 % 2("$+0U/ ", +*&
&H? &)&""+02B>K&6 ! ($, 2 5$)&%&"+0"& $2("4 , 047
☐ <H8 6 &0(&" %&)&""+0
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G+. & A) C

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23?..Z&; "/ +¥)-$ '%&"-'$-65%# "# 9 %$ +(& (4! &527)
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B3> &"-'$-6)# &; $#)"# R9 %$ +(& (4! &527) +* ($#$4527
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☐ +HG" * &22
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? ==MPU==NP? =CQP? ==D

J3(&)"'C$-"&'.$#*))"'4"! %6)"-'G3'3[' $ Z0"-"# 6P ! "#$%&'(&)"&@/&, ($4 (T 2& * %&2 (T+(: &2(%&2* "$ & 4 / " S+2(&H5&H HP 1 =AR K$P1 G=ARG&"2$2(&, (P1 8ZAR8 Q$%Z "" 2$#&P&(* H7

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%&-' / +2! 0! $-, + -1 1 -) +#$ ((! !) 0 -""! 4' $! # $) - '1! (#$ +(+,# "(+#$2! %"1 +#$*,! +0! -(#- ##! ; +<+") -' 0 = +0# +() >-?$ 0@) ' #$ (A"-3"+1 +#BCDEECDFFCGFDDH+>I J-"4' $ 9) $-, KBBCDFFCGFDDH+>I J6*

2K3<6'/)#$ +'* %51 +)) 6&

☐ 9+6 $ (&"&2(&%$ (T& &&* (" , $)$$.) 6 4 ? +, . &" / 2 1 +2(& 3, , / +0- &! "($. +, %8 $& 9/&, ($$ +($, $) "6 +($, (>* 0 . 4 #&" (T& 9 (&", &(H>* 0 . 4 S$0$2/ & + G9 , / 6 : &"P+0 , . S$T &&* (" , $)$$. $ 2("/ * ($, 2P$ + 0&((&" +%&&22&%((T& U "6 Z , (+* ($ 8&* ($, Q , (T$2) "6 H

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!"#$"%"&"(#)*+,	$##

!" #$%&#()&#+*, #.%#0#$)12 &#$3#()&#.%#$!1 #$#4 #
"1! #2(5#%#4 #&64%#2 8(&#!9.$6#"#!$'#%(;".3 3#<(=."#8#4."#
!$": &#4 %#"#()#. #$ 3#%#&=(&#!<4#8#()&#!"%#%&!1"#
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* 8&$< #4 #$"%&<%($"#($#=!6 "#@#4&()64#@@#"#()#<(1= %#
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B()&#+*, #.%#0#C)12 &D
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?8 R:!&1 /S	
@8	
A8	B8
C8 ☐ 0I ☐ 9 D8 ☐ J* ☐ K"	E8
F8# !"#G 1 3", "1!#7%&&&	
H8 ☐ L*1 ☐ .*<1(☐ M&*3+, ☐ N //*1	
H8 8 ☐ OP G / ☐ =:"%&&#3+'&4	

T8#T*, , "1!

G(&I#H+B#JI;KLM#N E" 3#KK@KJ@AI LP !6 K (8 K