ANNUAL REPORT OF HAZARDOUS WASTE EXPORTS FOR 2010

1. PRIMARY EXPORTER (CONSIGNOR)

NAME: ADVANCED CHEMICAL COMPANY

EPA ID NO.: R I D 0 5 9 7 3 5 7 6 1

MAILING ADDRESS: 105 BELLOWS STREET

CITY: WARWICK STATE: RHODE ISLAND ZIP: 02888

SITE ADDRESS: 105 BELLOWS STREET

CITY: WARWICK STATE: RHODE ISLAND ZIP: 02888

2. CONSIGNEE:

NAME: STABLEX CANADA INC.

MAILING ADDRESS: 760 BLVD. INDUSTRIAL
BLAINVILLE, QUEBEC, CANADA, J7C 3V4

SITE ADDRESS: SAME

EPA ID NO.: CANADIAN ID # 114 364 9946

3. TRANSPORTER

NO. 1:

NAME: EQ NORTHEAST, INC.

EPA ID NO.: M A D 0 8 4 8 1 4 1 3 6

NO. 2:

NAME: N/A

EPA ID NO.: N/A

received
SPN 1/20/11

CERTIFIED MAIL™

7009 2250 0001 3894 2798

ADVANCED CHEMICAL COMPANY
105 Bellows Street, Warwick, RI 02888

TURN RECEIPT REQUESTED

US EPA
Ariel Rios Bldg
Mail Code: 2254A
1200 Pennsylvania
Attn.: International
Assurance D
Washington DC

EPA United States Environmental Protection Agency

AR
To: International Complian
Mailstop: 2254A
Department:
Mailcode:
PKG Condition
US POSTAL

Scott

70092250000138942798

PLACE STICKER AT TOP OF ENVELOPE TO THE RIGHT

ADVANCED CHEMICAL COMPANY
105 Bellows Street, Warwick, RI 02888

U.S. POSTAGE
PAID
WARWICK, RI
02888
JAN 14, '11
AMOUNT
$5.54
00018539-13

UNITED STATES POSTAL SERVICE
1000
20460

RETURN RECEIPT REQUESTED

US EPA
Ariel Rios Bldg.
Mail Code: 2254A
1200 Pennsylvania Ave. N.W.
Washington, DC 20460
Attn.: International Compliance
Assurance Division

Scott

AR

EPA United States Environmental Protection Agency

To: International Compliance
Mailstop: 2254A
Department:
Mailcode:
PKG Condition
US POSTAL

7009225000013894287 3

4. WASTE INFORMATION

DESCRIPTION OF WASTE:	TOXIC LIQUIDS
EPA WASTE NUMBER:	F009, F007, D003, D002, D008, D011
DOT PROPER SHIPPING NAME:	RQ, Waste toxic, liquid, corrosive, inorganic, n.o.s., (potassium cyanide, sodium hydroxide), 6.1 (8), UN 3289, PG II (F009) (F007) (D003) (D002) (D008) (D011)
DOT HAZARD CLASS:	Primary: 6 (TOXIC) Subsidiary: 8 (CORROSIVE)
DOT ID CODE (UN/NA):	UN 3289

5. SHIPPING INFORMATION

NUMBER OF SHIPMENTS DURING THE CALENDAR YEAR: 27

TOTAL VOLUME OF THIS WASTE SHIPPED: 365,740 kg (806,457 lbs.)

6. WASTE MINIMIZATION STATEMENT

NOT REQUIRED (PER 40 CFR 262.41): [ ]

SUBMITTED WITH EPA BIENNIAL REPORT: [ ]

ATTACHED [X]

7. CERTIFICATION

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED IN THIS AND ALL ATTACHED DOCUMENTS, AND THAT BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THAT THE SUBMITTED INFORMATION IS TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT.

PRINT: Charles J. Volpe

SIGNATURE: Charles J. Volpe DATE: 1/14/11

Code: d:\ ENVIRONMENTAL \ CHARLES \ FORMS \ ANEXPRT 2010 Stablex

WASTE MINIMIZATION STATEMENT FOR CALENDAR YEAR 2010

We are currently exporting a by-product generated from precious metal refining operations. This material was originally processed in-house or by U.S. treatment facilities. A 2003 cost effectiveness analysis determined a financial benefit existed if foreign companies handled the material. In the 1st quarter of 2004, we initiated the process to have the by-product exported to treatment facilities in Canada.

We generated and exported approximately 806,457 pounds of material in calendar year 2010.

Our 2009 / 2010 EPA Acknowledgement of Consent to Export covered the period from April 30, 2009 to April 28, 2010. While our 2010 / 2011 EPA Acknowledgement of Consent covers the period from February 22, 2010 to February 19, 2011.

In 2009, we projected a five- (5) percent increase in processed materials for calendar year 2010. An actual twenty- (20) percent decrease occurred. Based on 2010 data, we project a five- (5) percent increase for 2011.

In 1995, our Company instituted a revised waste reduction program and we are very confident that the program uses the "Best Affordable Technology" available. We will continue to use the good housekeeping practices and inventory control procedures incorporated with our first waste minimization program (1991). In addition, we'll continue to investigate the possibilities of using U.S. treatment facilities to process this by-product.

Our precious metal refining streams remained on par with previous year's materials. The toxicity of this material has remained roughly the same since 1991 and we do not anticipate any major variance in the future.

We, at Advanced Chemical Company, are committed to reducing our wastes. This is done not only for economic reasons, but also for the greater environmental impact it holds for the future. Advanced will continue to seek State of the Art Technology to improve this crucial area when economically feasible.

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1. PRIMARY EXPORTER (CONSIGNOR)

NAME: ADVANCED CHEMICAL COMPANY

EPA ID NO.: R I D 0 5 9 7 3 5 7 6 1

MAILING ADDRESS: 105 BELLOWS STREET

CITY: WARWICK STATE: RHODE ISLAND ZIP: 02888

SITE ADDRESS: 105 BELLOWS STREET

CITY: WARWICK STATE: RHODE ISLAND ZIP: 02888

2. CONSIGNEE:

NAME: XSTRATA CANADA CORPORATION

MAILING ADDRESS: C. P. 4000
ROUYN-NORANDA, QUEBEC, CANADA, J9X 5B6

SITE ADDRESS: 156 MARCEL-BARIL AVENUE
ROUYN-NORANDA, QUEBEC, CANADA, J9X 7C1

EPA ID NO.: CANADIAN ID # 114 184 855 7

3. TRANSPORTER

NO. 1:

NAME: EQ NORTHEAST, INC.

EPA ID NO.: M A D 0 8 4 8 1 4 1 3 6

NO. 2:

NAME: N/A

EPA ID NO.: N/A

4. WASTE INFORMATION

DESCRIPTION OF WASTE:	WASTE TREATMENT PLANT FILTER CAKE
EPA WASTE NUMBER:	F007 F006
DOT PROPER SHIPPING NAME:	HAZARDOUS WASTE SOLID, n.o.s., (METAL HYDROXIDE SLUDGE), 9, NA 3077, PG III (F007)
DOT HAZARD CLASS:	9 (MISCELLANEOUS)
DOT ID CODE (UN/NA):	NA 3077

5. SHIPPING INFORMATION

NUMBER OF SHIPMENTS DURING THE CALENDAR YEAR: 1

TOTAL VOLUME OF THIS WASTE SHIPPED: 9,440 Kg (20,815 lbs.)

6. WASTE MINIMIZATION STATEMENT

NOT REQUIRED (PER 40 CFR 262.41): [ ]

SUBMITTED WITH EPA BIENNIAL REPORT: [ ]

ATTACHED [X]

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I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED IN THIS AND ALL ATTACHED DOCUMENTS, AND THAT BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THAT THE SUBMITTED INFORMATION IS TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT.

PRINT: Charles J. Volpe

SIGNATURE: Charles J. Volpe DATE: 1/14/11

WASTE MINIMIZATION STATEMENT FOR CALENDAR YEAR 2009

We are currently exporting a by-product generated from precious metal refining operations. Due to the economic value of the contained precious and semi-precious metals, Xstrata Canada Corporation accepts the material for secondary recovery and returns the available metal, less processing fees, to Advanced Chemical Company.

We generated approximately 17,275 pounds of material in the 2010 calendar year. Our facility exported approximately 20,815 pounds of material in the 2010 calendar year. Of the amount exported, approximately 8,118 pounds were generated between August 1st and December 31st of 2009 and exported with the first shipment of 2010. Advanced processed the remaining 4,578 lbs of the 2010 generated material in-house. We used a newly developed technology and hope that this new process will eliminate the need of any future export shipments.

Our 2009 / 2010 EPA Acknowledgement of Consent to Export covers the period from July 30, 2009 to July 29, 2010. While our 2010 / 2011 EPA Acknowledgement covers the period from August 17, 2010 to August 16, 2011.

In 2009, we projected a five- (5) percent increase in processed materials for the 2010 calendar year. An actual twenty- (20) percent decrease occurred. Based on 2010 data, we project a five- (5) percent increase in 2011.

We anticipate the by-product level to remain roughly the same as 2010, but because of the new process technology, do not anticipate any material exportation in 2011.

We have completed all phases of our 1995 waste reduction program. We feel very confident that our program uses the "Best Affordable Technology" available. We will continue to use the good housekeeping practices and inventory control procedures that have been incorporated since the initiation of our first waste minimization program in 1991.

Our precious metal refining streams remained on par with last year's materials. The toxicity of this material has remained roughly the same since 1991 and we do not anticipate any major variance in the future.

We, at Advanced Chemical Company, are committed to reducing our wastes. This is done not only for economic reasons, but also for the greater environmental impact it holds for the future. Advanced will continue to seek State of the Art Technology to improve this crucial area when economically feasible.

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