EPA Region 5 Records Ctr.
313380

An Analytical
Testing Laboratory

Prairie Analytical
Systems, INCORPORATED

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May 15, 2008

Mr. Dave Reed
Illinois Environmental Protection Agency
P.O. Box 19276
Springfield, IL 62794-9276

RE: LPC# 1358070001 Eagle Zinc PAS Order No.: 0805139

Dear Mr. Dave Reed:

Prairie Analytical Systems, Inc. received 10 samples on 5/6/2008 10:55:00 AM for the analyses presented in the following report.

All applicable quality control procedures met method specific acceptance criteria.

This report shall not be reproduced, except in full, without the prior written consent of Prairie Analytical Systems, Inc.

If you have any questions, please feel free to call me at (217) 753-1148.

Sincerely,

Jean-Pierre Rouanet
Laboratory Director

Illinois Environmental Protection Agency Chain of Custody

Preservative Codes	Container Description: Soil	Container Description: Aqueous
1. None		
2. VOA - HCl	VOC - 2 oz. glass (2)	VOC - 40 mL glass (3)
3. Metals - HNO3	SVOC - 8 oz. glass (1)	SVOC, Pest/PCB - 40 oz amber glass (1)*
4. Cyanide - NaOH	Pest/PCB - 8 oz. glass (1)	
5. Other:	Inorganics - 16 oz. glass (1)	Inorganics - 1 qt. plastic (1)
6. Other		* duplicate 1 out of 10

Fund:	LPC#:	Locality:	Cooler Initially Sealed By:	Date Initially Sealed
EZ11806	1358070001	Montgomery	[signature]	5-5-08
Section:	Site Name:	Project Manager:	Phone Number:	Initial Cooler Seal #
	Eagle Zinc	Rick Lanham	217-782-9881	973

Lab Sample No.	Parameter Group: TCLP	Parameter Group: TM	Field Sample Number	Matrix	No. of Bottles	Date Collected	Time Collected (24 hr clock)	Sampler's Initials	Special Notations	Legal Hold Y or N
	↓	↓	13	Soil	1	04/30/08	12:17	RGL	TCLP & RCRA metals	
			36	Soil	1	04/30/08	15:10	RGL	↓	
			227	Soil	1	05/02/08	10:43	RGL		
			228	Soil	1	05/02/08	10:50	RGL		
			233	Soil	1	05/02/08	11:10	RGL		
			236	Soil	1	05/02/08	11:21	RGL		
			242	Soil	1	05/02/08	11:50	RGL		
			247	Soil	1	05/02/08	13:53	RGL		
			246	Soil	1	05/02/08	13:50	RGL		
			249	Soil	1	05/02/08	13:58	RGL		

Opener: I certify that I received the sample shipping container with the shipping container sealed and intact.

Cooler Opened by:	Seal No:	Date:	Time:	Intact
[signature]	973	05/05/08	15:30	(Y)-N
				Y-N

Sealer: I certify that the samples listed above were collected in my presence and sealed by me.

Cooler Sealed By:	Seal No.:	Date:	Time:
Dave Reed		5-6-08	

I certify that I received the cooler containing the above samples with the seal(s) intact.

Received for Lab by:	Seal No:	Date:	Time:	Intact:
[signature]		5-6-08	10:55	(Y)-N

Sample Courier: Hand Delivered

Turnaround Time Requested: Results May 15th or sooner

Samplers: Rick Lanham

Lab Comments: 5.2°C

Supervisor Releasing Results: TCLP Zinc added on 5-14-08 per Dave Reed. Date: 5-14-08

Prairie Analytical Systems, Inc.

Date: *15-May-08*

CLIENT: Illinois Environmental Protection Agency
Project: LPC# 1358070001 Eagle Zinc

Lab Order: 0805139

Lab ID: 0805139-001
Client Sample ID: 13

Collection Date: 4/30/2008 12:17:00 PM
Matrix: SOLID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TCLP METALS ANALYSIS		**SW6020**		**(SW3005A)**		Analyst: **MCL**
Zinc	4340	25.0		mg/L	5000	5/14/2008 10:05:00 AM
METALS ANALYSIS		**SW6020**		**(SW3050B)**		Analyst: **MCL**
Aluminum	7870	569		mg/Kg-dry	100	5/11/2008 04:16:00 PM
Antimony	105	1 14		mg/Kg-dry	2	5/12/2008 12:39:00 PM
Arsenic	60.7	0.569		mg/Kg-dry	2	5/12/2008 12:39:00 PM
Barium	655	0.569		mg/Kg-dry	2	5/12/2008 12:39:00 PM
Beryllium	U	0.569		mg/Kg-dry	2	5/13/2008 12:31:00 PM
Cadmium	140	0.569		mg/Kg-dry	2	5/12/2008 12:39:00 PM
Calcium	1870	91.1		mg/Kg-dry	2	5/13/2008 12:31:00 PM
Chromium	43.0	0.569		mg/Kg-dry	2	5/12/2008 12:39:00 PM
Cobalt	40.0	0.569		mg/Kg-dry	2	5/12/2008 12:39:00 PM
Copper	5010	56.9		mg/Kg-dry	100	5/11/2008 04:16:00 PM
Iron	163000	569		mg/Kg-dry	100	5/11/2008 04:16:00 PM
Lead	27700	28.5		mg/Kg-dry	100	5/11/2008 04:16:00 PM
Magnesium	1420	91.1		mg/Kg-dry	2	5/12/2008 12:39:00 PM
Manganese	617	0.569		mg/Kg-dry	2	5/12/2008 12:39:00 PM
Mercury	1.22	0.114		mg/Kg-dry	2	5/13/2008 12:31:00 PM
Nickel	1460	28.5		mg/Kg-dry	100	5/11/2008 04:16:00 PM
Potassium	U	569		mg/Kg-dry	10	5/14/2008 02:38:00 PM
Selenium	5.66	0.569		mg/Kg-dry	2	5/12/2008 12:39:00 PM
Silver	28.1	0.569		mg/Kg-dry	2	5/12/2008 12:39:00 PM
Sodium	U	285		mg/Kg-dry	10	5/14/2008 02:38:00 PM
Thallium	U	0.569		mg/Kg-dry	2	5/12/2008 12:39:00 PM
Vanadium	11.4	0.569		mg/Kg-dry	2	5/12/2008 12:39:00 PM
Zinc	332000	5690		mg/Kg-dry	10000	5/12/2008 05:56:00 AM
TCLP METALS ANALYSIS		**SW6020**		**(SW3005A)**		Analyst: **MCL**
Arsenic	0.0118	0.0050		mg/L	1	5/12/2008 06:33:00 AM
Barium	0.0540	0.0020		mg/L	1	5/12/2008 06:33:00 AM
Cadmium	1.01	0.0010		mg/L	1	5/12/2008 06:33:00 AM
Chromium	U	0.0050		mg/L	1	5/12/2008 06:33:00 AM
Lead	56.0	0.0200		mg/L	10	5/12/2008 02:27:00 AM
Mercury	0.0003	0.0002		mg/L	1	5/12/2008 06:33:00 AM
Selenium	0.0052	0.0050		mg/L	1	5/12/2008 06:33:00 AM
Silver	U	0.0050		mg/L	1	5/12/2008 06:33:00 AM
PERCENT MOISTURE ANALYSIS		**D2216**				Analyst: **CWA**
Percent Moisture	28.3	0.01		wt%	1	5/9/2008

Prairie Analytical Systems, Inc.

Date: *15-May-08*

CLIENT: Illinois Environmental Protection Agency
Project: LPC# 1358070001 Eagle Zinc

Lab Order: 0805139

Lab ID: 0805139-002
Client Sample ID: 36

Collection Date: 4/30/2008 03:10:00 PM
Matrix: SOLID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TCLP METALS ANALYSIS		**SW6020**		**(SW3005A)**		Analyst: **MCL**
Zinc	3980	25.0		mg/L	5000	5/14/2008 10:14:00 AM
METALS ANALYSIS		**SW6020**		**(SW3050B)**		Analyst: **MCL**
Aluminum	7000	560		mg/Kg-dry	100	5/11/2008 04:55:00 PM
Antimony	89.0	1.12		mg/Kg-dry	2	5/12/2008 01:27:00 PM
Arsenic	46.7	0.560		mg/Kg-dry	2	5/12/2008 01:27:00 PM
Barium	4670	28.0		mg/Kg-dry	100	5/11/2008 04:55:00 PM
Beryllium	U	0.560		mg/Kg-dry	2	5/13/2008 01:17:00 PM
Cadmium	133	0.560		mg/Kg-dry	2	5/12/2008 01:27:00 PM
Calcium	11400	4480		mg/Kg-dry	100	5/11/2008 04:55:00 PM
Chromium	75.4	0.560		mg/Kg-dry	2	5/12/2008 01:27:00 PM
Cobalt	64.6	0.560		mg/Kg-dry	2	5/12/2008 01:27:00 PM
Copper	4000	56.0		mg/Kg-dry	100	5/11/2008 04:55:00 PM
Iron	190000	560		mg/Kg-dry	100	5/11/2008 04:55:00 PM
Lead	6750	28.0		mg/Kg-dry	100	5/11/2008 04:55:00 PM
Magnesium	1650	89.5		mg/Kg-dry	2	5/12/2008 01:27:00 PM
Manganese	718	0.560		mg/Kg-dry	2	5/12/2008 01:27:00 PM
Mercury	0.314	0.112		mg/Kg-dry	2	5/13/2008 01:17:00 PM
Nickel	638	0.560		mg/Kg-dry	2	5/12/2008 01:27:00 PM
Potassium	U	5600		mg/Kg-dry	100	5/11/2008 04:55:00 PM
Selenium	2.86	0.560		mg/Kg-dry	2	5/12/2008 01:27:00 PM
Silver	6.40	0.560		mg/Kg-dry	2	5/12/2008 01:27:00 PM
Sodium	U	2800		mg/Kg-dry	100	5/11/2008 04:55:00 PM
Thallium	1.83	0.560		mg/Kg-dry	2	5/12/2008 01:27:00 PM
Vanadium	11.4	0.560		mg/Kg-dry	2	5/12/2008 01:27:00 PM
Zinc	273000	5600		mg/Kg-dry	10000	5/12/2008 07:05:00 AM
TCLP METALS ANALYSIS		**SW6020**		**(SW3005A)**		Analyst: **MCL**
Arsenic	0.0120	0.0050		mg/L	1	5/12/2008 06:42:00 AM
Barium	4.83	0.0020		mg/L	1	5/12/2008 06:42:00 AM
Cadmium	1.23	0.0010		mg/L	1	5/12/2008 06:42:00 AM
Chromium	U	0.0050		mg/L	1	5/12/2008 06:42:00 AM
Lead	9.18	0.0200		mg/L	10	5/12/2008 02:37:00 AM
Mercury	U	0.0002		mg/L	1	5/12/2008 06:42:00 AM
Selenium	U	0.0050		mg/L	1	5/12/2008 06:42:00 AM
Silver	U	0.0050		mg/L	1	5/12/2008 06:42:00 AM
PERCENT MOISTURE ANALYSIS		**D2216**				Analyst: **CWA**
Percent Moisture	11.8	0.01		wt%	1	5/9/2008

Prairie Analytical Systems, Inc.

Date: *15-May-08*

CLIENT: Illinois Environmental Protection Agency
Project: LPC# 1358070001 Eagle Zinc
Lab Order: 0805139

Lab ID: 0805139-003
Collection Date: 5/2/2008 10:43:00 AM
Client Sample ID: 227
Matrix: SOLID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TCLP METALS ANALYSIS		**SW6020**		**(SW3005A)**		Analyst: **MCL**
Zinc	978	25.0		mg/L	5000	5/14/2008 10:23:00 AM
METALS ANALYSIS		**SW6020**		**(SW3050B)**		Analyst: **MCL**
Aluminum	17600	17300		mg/Kg-dry	10000	5/12/2008 07:15:00 AM
Antimony	322	0.690		mg/Kg-dry	2	5/12/2008 01:36:00 PM
Arsenic	61.5	0.345		mg/Kg-dry	2	5/12/2008 01:36:00 PM
Barium	537	0.345		mg/Kg-dry	2	5/12/2008 01:36:00 PM
Beryllium	1.41	0.345		mg/Kg-dry	2	5/13/2008 01:26:00 PM
Cadmium	14.2	0.345		mg/Kg-dry	2	5/12/2008 01:36:00 PM
Calcium	11700	2760		mg/Kg-dry	100	5/11/2008 05:05:00 PM
Chromium	288	0.345		mg/Kg-dry	2	5/12/2008 01:36:00 PM
Cobalt	468	0.345		mg/Kg-dry	2	5/12/2008 01:36:00 PM
Copper	49900	3450		mg/Kg-dry	10000	5/12/2008 07:15:00 AM
Iron	43800	345		mg/Kg-dry	100	5/11/2008 05:05:00 PM
Lead	3860	17.3		mg/Kg-dry	100	5/11/2008 05:05:00 PM
Magnesium	2980	55.2		mg/Kg-dry	2	5/12/2008 01:36:00 PM
Manganese	930	17.3		mg/Kg-dry	100	5/11/2008 05:05:00 PM
Mercury	0.0775	0.0690		mg/Kg-dry	2	5/13/2008 01:26:00 PM
Nickel	17800	17.3		mg/Kg-dry	100	5/11/2008 05:05:00 PM
Potassium	U	3450		mg/Kg-dry	100	5/11/2008 05:05:00 PM
Selenium	0.607	0.345		mg/Kg-dry	2	5/12/2008 01:36:00 PM
Silver	67.1	17.3		mg/Kg-dry	100	5/11/2008 05:05:00 PM
Sodium	U	1730		mg/Kg-dry	100	5/11/2008 05:05:00 PM
Thallium	U	0.345		mg/Kg-dry	2	5/12/2008 01:36:00 PM
Vanadium	15.7	0.345		mg/Kg-dry	2	5/12/2008 01:36:00 PM
Zinc	70600	3450		mg/Kg-dry	10000	5/12/2008 07:15:00 AM
TCLP METALS ANALYSIS		**SW6020**		**(SW3005A)**		Analyst: **MCL**
Arsenic	0.0077	0.0050		mg/L	1	5/12/2008 06:52:00 AM
Barium	3.14	0.0020		mg/L	1	5/12/2008 06:52:00 AM
Cadmium	0.163	0.0010		mg/L	1	5/12/2008 06:52:00 AM
Chromium	U	0.0050		mg/L	1	5/12/2008 06:52:00 AM
Lead	8.71	0.0200		mg/L	10	5/12/2008 02:46:00 AM
Mercury	U	0.0002		mg/L	1	5/12/2008 06:52:00 AM
Selenium	U	0.0050		mg/L	1	5/12/2008 06:52:00 AM
Silver	U	0.0050		mg/L	1	5/12/2008 06:52:00 AM
PERCENT MOISTURE ANALYSIS		**D2216**				Analyst: **CWA**
Percent Moisture	17.6	0.01		wt%	1	5/9/2008

Prairie Analytical Systems, Inc.

Date: *15-May-08*

CLIENT: Illinois Environmental Protection Agency
Project: LPC# 1358070001 Eagle Zinc

Lab Order: 0805139

Lab ID: 0805139-004
Client Sample ID: 228

Collection Date: 5/2/2008 10:50:00 AM
Matrix: SOLID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TCLP METALS ANALYSIS		**SW6020**		**(SW3005A)**		Analyst: **MCL**
Zinc	1340	25.0		mg/L	5000	5/14/2008 10:32:00 AM
METALS ANALYSIS		**SW6020**		**(SW3050B)**		Analyst: **MCL**
Aluminum	4990	403		mg/Kg-dry	100	5/11/2008 05:14:00 PM
Antimony	6.55	0.806		mg/Kg-dry	2	5/12/2008 01:45:00 PM
Arsenic	4.30	0.403		mg/Kg-dry	2	5/12/2008 01:45:00 PM
Barium	107	0.403		mg/Kg-dry	2	5/12/2008 01:45:00 PM
Beryllium	U	0.403		mg/Kg-dry	2	5/13/2008 01:36:00 PM
Cadmium	284	0.403		mg/Kg-dry	2	5/12/2008 01:45:00 PM
Calcium	14700	3220		mg/Kg-dry	100	5/11/2008 05:14:00 PM
Chromium	6.00	0.403		mg/Kg-dry	2	5/12/2008 01:45:00 PM
Cobalt	22.8	0.403		mg/Kg-dry	2	5/12/2008 01:45:00 PM
Copper	1280	40.3		mg/Kg-dry	100	5/11/2008 05:14:00 PM
Iron	19100	403		mg/Kg-dry	100	5/11/2008 05:14:00 PM
Lead	5460	20.1		mg/Kg-dry	100	5/11/2008 05:14:00 PM
Magnesium	1090	64.5		mg/Kg-dry	2	5/12/2008 01:45:00 PM
Manganese	521	0.403		mg/Kg-dry	2	5/12/2008 01:45:00 PM
Mercury	0.121	0.0806		mg/Kg-dry	2	5/13/2008 01:36:00 PM
Nickel	48.9	0.403		mg/Kg-dry	2	5/12/2008 01:45:00 PM
Potassium	U	4030		mg/Kg-dry	100	5/11/2008 05:14:00 PM
Selenium	1.00	0.403		mg/Kg-dry	2	5/12/2008 01:45:00 PM
Silver	5.26	0.403		mg/Kg-dry	2	5/12/2008 01:45:00 PM
Sodium	U	2010		mg/Kg-dry	100	5/11/2008 05:14:00 PM
Thallium	U	0.403		mg/Kg-dry	2	5/12/2008 01:45:00 PM
Vanadium	17.7	0.403		mg/Kg-dry	2	5/12/2008 01:45:00 PM
Zinc	137000	4030		mg/Kg-dry	10000	5/12/2008 07:25:00 AM
TCLP METALS ANALYSIS		**SW6020**		**(SW3005A)**		Analyst: **MCL**
Arsenic	U	0.0050		mg/L	1	5/12/2008 07:01:00 AM
Barium	0.0628	0.0020		mg/L	1	5/12/2008 07:01:00 AM
Cadmium	4.08	0.0010		mg/L	1	5/12/2008 07:01:00 AM
Chromium	U	0.0050		mg/L	1	5/12/2008 07:01:00 AM
Lead	20.4	0.0200		mg/L	10	5/12/2008 02:55:00 AM
Mercury	U	0.0002		mg/L	1	5/12/2008 07:01:00 AM
Selenium	U	0.0050		mg/L	1	5/12/2008 07:01:00 AM
Silver	U	0.0050		mg/L	1	5/12/2008 07:01:00 AM
PERCENT MOISTURE ANALYSIS		**D2216**				Analyst: **CWA**
Percent Moisture	15.1	0.01		wt%	1	5/9/2008

Prairie Analytical Systems, Inc.

Date: *15-May-08*

CLIENT: Illinois Environmental Protection Agency
Project: LPC# 1358070001 Eagle Zinc

Lab Order: 0805139

Lab ID: 0805139-005
Client Sample ID: 233

Collection Date: 5/2/2008 11:10:00 AM
Matrix: SOLID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TCLP METALS ANALYSIS		**SW6020**		**(SW3005A)**		Analyst: **MCL**
Zinc	1220	25.0		mg/L	5000	5/14/2008 10:41:00 AM
METALS ANALYSIS		**SW6020**		**(SW3050B)**		Analyst: **MCL**
Aluminum	38100	28300		mg/Kg-dry	10000	5/12/2008 07:35:00 AM
Antimony	173	1.13		mg/Kg-dry	2	5/12/2008 01:55:00 PM
Arsenic	27.6	0.566		mg/Kg-dry	2	5/12/2008 01:55:00 PM
Barium	160	0.566		mg/Kg-dry	2	5/12/2008 01:55:00 PM
Beryllium	U	0.566		mg/Kg-dry	2	5/13/2008 01:45:00 PM
Cadmium	69.0	0.566		mg/Kg-dry	2	5/12/2008 01:55:00 PM
Calcium	11200	4530		mg/Kg-dry	100	5/11/2008 05:24:00 PM
Chromium	419	0.566		mg/Kg-dry	2	5/12/2008 01:55:00 PM
Cobalt	123	0.566		mg/Kg-dry	2	5/12/2008 01:55:00 PM
Copper	27300	56.6		mg/Kg-dry	100	5/11/2008 05:24:00 PM
Iron	119000	566		mg/Kg-dry	100	5/11/2008 05:24:00 PM
Lead	15500	28.3		mg/Kg-dry	100	5/11/2008 05:24:00 PM
Magnesium	2090	90.6		mg/Kg-dry	2	5/12/2008 01:55:00 PM
Manganese	743	0.566		mg/Kg-dry	2	5/12/2008 01:55:00 PM
Mercury	U	0.113		mg/Kg-dry	2	5/13/2008 01:45:00 PM
Nickel	15300	28.3		mg/Kg-dry	100	5/11/2008 05:24:00 PM
Potassium	U	5660		mg/Kg-dry	100	5/11/2008 05:24:00 PM
Selenium	1.45	0.566		mg/Kg-dry	2	5/12/2008 01:55:00 PM
Silver	16.9	0.566		mg/Kg-dry	2	5/12/2008 01:55:00 PM
Sodium	U	2830		mg/Kg-dry	100	5/11/2008 05:24:00 PM
Thallium	U	0.566		mg/Kg-dry	2	5/12/2008 01:55:00 PM
Vanadium	16.9	0.566		mg/Kg-dry	2	5/12/2008 01:55:00 PM
Zinc	183000	5660		mg/Kg-dry	10000	5/12/2008 07:35:00 AM
TCLP METALS ANALYSIS		**SW6020**		**(SW3005A)**		Analyst: **MCL**
Arsenic	U	0.0050		mg/L	1	5/12/2008 07:10:00 AM
Barium	0.512	0.0020		mg/L	1	5/12/2008 07:10:00 AM
Cadmium	0.592	0.0010		mg/L	1	5/12/2008 07:10:00 AM
Chromium	U	0.0050		mg/L	1	5/12/2008 07:10:00 AM
Lead	7.83	0.0200		mg/L	10	5/12/2008 03:04:00 AM
Mercury	U	0.0002		mg/L	1	5/12/2008 07:10:00 AM
Selenium	U	0.0050		mg/L	1	5/12/2008 07:10:00 AM
Silver	U	0.0050		mg/L	1	5/12/2008 07:10:00 AM
PERCENT MOISTURE ANALYSIS		**D2216**				Analyst: **CWA**
Percent Moisture	22.5	0.01		wt%	1	5/9/2008

Prairie Analytical Systems, Inc.

Date: *15-May-08*

CLIENT: Illinois Environmental Protection Agency
Project: LPC# 1358070001 Eagle Zinc
Lab Order: 0805139

Lab ID: 0805139-006
Collection Date: 5/2/2008 11:21:00 AM
Client Sample ID: 236
Matrix: SOLID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TCLP METALS ANALYSIS		**SW6020**		**(SW3005A)**		Analyst: **MCL**
Zinc	1400	25.0		mg/L	5000	5/14/2008 10:50:00 AM
METALS ANALYSIS		**SW6020**		**(SW3050B)**		Analyst: **MCL**
Aluminum	45900	37900		mg/Kg-dry	10000	5/12/2008 07:45:00 AM
Antimony	251	0.758		mg/Kg-dry	2	5/12/2008 02:35:00 PM
Arsenic	35.6	0.379		mg/Kg-dry	2	5/12/2008 02:35:00 PM
Barium	85.2	0.379		mg/Kg-dry	2	5/12/2008 02:35:00 PM
Beryllium	U	0.379		mg/Kg-dry	2	5/13/2008 02:21:00 PM
Cadmium	39.7	0.379		mg/Kg-dry	2	5/12/2008 02:35:00 PM
Calcium	4550	3030		mg/Kg-dry	100	5/11/2008 05:34:00 PM
Chromium	365	0.379		mg/Kg-dry	2	5/12/2008 02:35:00 PM
Cobalt	65.4	0.379		mg/Kg-dry	2	5/12/2008 02:35:00 PM
Copper	36100	37.9		mg/Kg-dry	100	5/11/2008 05:34:00 PM
Iron	181000	379		mg/Kg-dry	100	5/11/2008 05:34:00 PM
Lead	15200	19.0		mg/Kg-dry	100	5/11/2008 05:34:00 PM
Magnesium	2040	60.7		mg/Kg-dry	2	5/12/2008 02:35:00 PM
Manganese	1920	19.0		mg/Kg-dry	100	5/11/2008 05:34:00 PM
Mercury	U	0.0758		mg/Kg-dry	2	5/13/2008 02:21:00 PM
Nickel	13800	19.0		mg/Kg-dry	100	5/11/2008 05:34:00 PM
Potassium	U	379		mg/Kg-dry	10	5/14/2008 03:24:00 PM
Selenium	1.63	0.379		mg/Kg-dry	2	5/12/2008 02:35:00 PM
Silver	18.9	0.379		mg/Kg-dry	2	5/12/2008 02:35:00 PM
Sodium	U	190		mg/Kg-dry	10	5/14/2008 03:24:00 PM
Thallium	U	0.379		mg/Kg-dry	2	5/12/2008 02:35:00 PM
Vanadium	19.4	0.379		mg/Kg-dry	2	5/12/2008 02:35:00 PM
Zinc	314000	3790		mg/Kg-dry	10000	5/12/2008 07:45:00 AM
TCLP METALS ANALYSIS		**SW6020**		**(SW3005A)**		Analyst: **MCL**
Arsenic	U	0.0050		mg/L	1	5/12/2008 07:20:00 AM
Barium	0.358	0.0020		mg/L	1	5/12/2008 07:20:00 AM
Cadmium	0.190	0.0010		mg/L	1	5/12/2008 07:20:00 AM
Chromium	U	0.0050		mg/L	1	5/12/2008 07:20:00 AM
Lead	4.41	0.0200		mg/L	10	5/12/2008 03:13:00 AM
Mercury	U	0.0002		mg/L	1	5/12/2008 07:20:00 AM
Selenium	U	0.0050		mg/L	1	5/12/2008 07:20:00 AM
Silver	U	0.0050		mg/L	1	5/12/2008 07:20:00 AM
PERCENT MOISTURE ANALYSIS		**D2216**				Analyst: **CWA**
Percent Moisture	17.8	0.01		wt%	1	5/9/2008

Prairie Analytical Systems, Inc.

Date: *15-May-08*

CLIENT: Illinois Environmental Protection Agency
Project: LPC# 1358070001 Eagle Zinc

Lab Order: 0805139

Lab ID: 0805139-007
Client Sample ID: 242

Collection Date: 5/2/2008 11:50:00 AM
Matrix: SOLID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TCLP METALS ANALYSIS		**SW6020**		**(SW3005A)**		Analyst: **MCL**
Zinc	3880	25.0		mg/L	5000	5/14/2008 10:59:00 AM
METALS ANALYSIS		**SW6020**		**(SW3050B)**		Analyst: **MCL**
Aluminum	12200	529		mg/Kg-dry	100	5/11/2008 06:13:00 PM
Antimony	59.2	1.06		mg/Kg-dry	2	5/12/2008 02:44:00 PM
Arsenic	38.2	0.529		mg/Kg-dry	2	5/12/2008 02:44:00 PM
Barium	110	0.529		mg/Kg-dry	2	5/12/2008 02:44:00 PM
Beryllium	U	0.529		mg/Kg-dry	2	5/13/2008 02:43:00 PM
Cadmium	108	0.529		mg/Kg-dry	2	5/12/2008 02:44:00 PM
Calcium	6290	4230		mg/Kg-dry	100	5/11/2008 06:13:00 PM
Chromium	14.7	0.529		mg/Kg-dry	2	5/12/2008 02:44:00 PM
Cobalt	40.2	0.529		mg/Kg-dry	2	5/12/2008 02:44:00 PM
Copper	2320	52.9		mg/Kg-dry	100	5/11/2008 06:13:00 PM
Iron	51100	529		mg/Kg-dry	100	5/11/2008 06:13:00 PM
Lead	12200	26.5		mg/Kg-dry	100	5/11/2008 06:13:00 PM
Magnesium	1520	84.7		mg/Kg-dry	2	5/12/2008 02:44:00 PM
Manganese	285	0.529		mg/Kg-dry	2	5/12/2008 02:44:00 PM
Mercury	0.233	0.106		mg/Kg-dry	2	5/13/2008 02:43:00 PM
Nickel	281	0.529		mg/Kg-dry	2	5/12/2008 02:44:00 PM
Potassium	U	5290		mg/Kg-dry	100	5/11/2008 06:13:00 PM
Selenium	11.0	0.529		mg/Kg-dry	2	5/12/2008 02:44:00 PM
Silver	25.5	0.529		mg/Kg-dry	2	5/12/2008 02:44:00 PM
Sodium	U	2650		mg/Kg-dry	100	5/11/2008 06:13:00 PM
Thallium	1.47	0.529		mg/Kg-dry	2	5/12/2008 02:44:00 PM
Vanadium	13.5	0.529		mg/Kg-dry	2	5/12/2008 02:44:00 PM
Zinc	403000	5290		mg/Kg-dry	10000	5/12/2008 07:55:00 AM
TCLP METALS ANALYSIS		**SW6020**		**(SW3005A)**		Analyst: **MCL**
Arsenic	0.0113	0.0050		mg/L	1	5/12/2008 07:29:00 AM
Barium	0.138	0.0020		mg/L	1	5/12/2008 07:29:00 AM
Cadmium	1.02	0.0010		mg/L	1	5/12/2008 07:29:00 AM
Chromium	U	0.0050		mg/L	1	5/12/2008 07:29:00 AM
Lead	11.7	0.0200		mg/L	10	5/12/2008 04:07:00 AM
Mercury	U	0.0002		mg/L	1	5/12/2008 07:29:00 AM
Selenium	0.0082	0.0050		mg/L	1	5/12/2008 07:29:00 AM
Silver	U	0.0050		mg/L	1	5/12/2008 07:29:00 AM
PERCENT MOISTURE ANALYSIS		**D2216**				Analyst: **CWA**
Percent Moisture	32.0	0.01		wt%	1	5/9/2008

Prairie Analytical Systems, Inc.

Date: *15-May-08*

CLIENT: Illinois Environmental Protection Agency
Project: LPC# 1358070001 Eagle Zinc

Lab Order: 0805139

Lab ID: 0805139-008
Client Sample ID: 247

Collection Date: 5/2/2008 01:53:00 PM
Matrix: SOLID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TCLP METALS ANALYSIS		**SW6020**		**(SW3005A)**		Analyst: **MCL**
Zinc	3960	25.0		mg/L	5000	5/14/2008 11:08:00 AM
METALS ANALYSIS		**SW6020**		**(SW3050B)**		Analyst: **MCL**
Aluminum	11200	423		mg/Kg-dry	100	5/11/2008 06:23:00 PM
Antimony	39.8	0.846		mg/Kg-dry	2	5/12/2008 02:54:00 PM
Arsenic	19.2	0.423		mg/Kg-dry	2	5/12/2008 02:54:00 PM
Barium	175	0.423		mg/Kg-dry	2	5/12/2008 02:54:00 PM
Beryllium	0.447	0.423		mg/Kg-dry	2	5/13/2008 02:52:00 PM
Cadmium	120	0.423		mg/Kg-dry	2	5/12/2008 02:54:00 PM
Calcium	1030	67.7		mg/Kg-dry	2	5/13/2008 02:52:00 PM
Chromium	18.7	0.423		mg/Kg-dry	2	5/12/2008 02:54:00 PM
Cobalt	26.1	0.423		mg/Kg-dry	2	5/12/2008 02:54:00 PM
Copper	1610	42.3		mg/Kg-dry	100	5/11/2008 06:23:00 PM
Iron	73400	423		mg/Kg-dry	100	5/11/2008 06:23:00 PM
Lead	10300	21.1		mg/Kg-dry	100	5/11/2008 06:23:00 PM
Magnesium	904	67.7		mg/Kg-dry	2	5/12/2008 02:54:00 PM
Manganese	276	0.423		mg/Kg-dry	2	5/12/2008 02:54:00 PM
Mercury	0.266	0.0846		mg/Kg-dry	2	5/13/2008 02:52:00 PM
Nickel	291	0.423		mg/Kg-dry	2	5/12/2008 02:54:00 PM
Potassium	U	4230		mg/Kg-dry	100	5/11/2008 06:23:00 PM
Selenium	3.32	0.423		mg/Kg-dry	2	5/12/2008 02:54:00 PM
Silver	10.9	0.423		mg/Kg-dry	2	5/12/2008 02:54:00 PM
Sodium	U	2110		mg/Kg-dry	100	5/11/2008 06:23:00 PM
Thallium	0.510	0.423		mg/Kg-dry	2	5/12/2008 02:54:00 PM
Vanadium	18.5	0.423		mg/Kg-dry	2	5/12/2008 02:54:00 PM
Zinc	290000	4230		mg/Kg-dry	10000	5/12/2008 08:05:00 AM
TCLP METALS ANALYSIS		**SW6020**		**(SW3005A)**		Analyst: **MCL**
Arsenic	0.0118	0.0050		mg/L	1	5/12/2008 07:38:00 AM
Barium	0.0536	0.0020		mg/L	1	5/12/2008 07:38:00 AM
Cadmium	1.24	0.0010		mg/L	1	5/12/2008 07:38:00 AM
Chromium	U	0.0050		mg/L	1	5/12/2008 07:38:00 AM
Lead	26.6	0.0200		mg/L	10	5/12/2008 04:16:00 AM
Mercury	U	0.0002		mg/L	1	5/12/2008 07:38:00 AM
Selenium	U	0.0050		mg/L	1	5/12/2008 07:38:00 AM
Silver	U	0.0050		mg/L	1	5/12/2008 07:38:00 AM
PERCENT MOISTURE ANALYSIS		**D2216**				Analyst: **CWA**
Percent Moisture	24.1	0.01		wt%	1	5/9/2008

Prairie Analytical Systems, Inc.

Date: *15-May-08*

CLIENT: Illinois Environmental Protection Agency
Project: LPC# 1358070001 Eagle Zinc

Lab Order: 0805139

Lab ID: 0805139-009
Client Sample ID: 246

Collection Date: 5/2/2008 01:50:00 PM
Matrix: SOLID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TCLP METALS ANALYSIS		**SW6020**		**(SW3005A)**		Analyst: **MCL**
Zinc	4180	25.0		mg/L	5000	5/14/2008 11:18:00 AM
METALS ANALYSIS		**SW6020**		**(SW3050B)**		Analyst: **MCL**
Aluminum	5710	474		mg/Kg-dry	100	5/11/2008 06:33:00 PM
Antimony	45.0	0.948		mg/Kg-dry	2	5/12/2008 03:03:00 PM
Arsenic	13.0	0.474		mg/Kg-dry	2	5/12/2008 03:03:00 PM
Barium	57.4	0.474		mg/Kg-dry	2	5/12/2008 03:03:00 PM
Beryllium	U	0.474		mg/Kg-dry	2	5/13/2008 03:01:00 PM
Cadmium	41.9	0.474		mg/Kg-dry	2	5/12/2008 03:03:00 PM
Calcium	922	75.8		mg/Kg-dry	2	5/13/2008 03:01:00 PM
Chromium	13.9	0.474		mg/Kg-dry	2	5/12/2008 03:03:00 PM
Cobalt	19.7	0.474		mg/Kg-dry	2	5/12/2008 03:03:00 PM
Copper	900	47.4		mg/Kg-dry	100	5/11/2008 06:33:00 PM
Iron	42800	474		mg/Kg-dry	100	5/11/2008 06:33:00 PM
Lead	8200	23.7		mg/Kg-dry	100	5/11/2008 06:33:00 PM
Magnesium	1560	75.8		mg/Kg-dry	2	5/12/2008 03:03:00 PM
Manganese	209	0.474		mg/Kg-dry	2	5/12/2008 03:03:00 PM
Mercury	0.210	0.0948		mg/Kg-dry	2	5/13/2008 03:01:00 PM
Nickel	167	0.474		mg/Kg-dry	2	5/12/2008 03:03:00 PM
Potassium	U	474		mg/Kg-dry	10	5/14/2008 03:33:00 PM
Selenium	2.10	0.474		mg/Kg-dry	2	5/12/2008 03:03:00 PM
Silver	12.1	0.474		mg/Kg-dry	2	5/12/2008 03:03:00 PM
Sodium	U	237		mg/Kg-dry	10	5/14/2008 03:33:00 PM
Thallium	4.27	0.474		mg/Kg-dry	2	5/12/2008 03:03:00 PM
Vanadium	11.4	0.474		mg/Kg-dry	2	5/12/2008 03:03:00 PM
Zinc	130000	4740		mg/Kg-dry	10000	5/12/2008 08:15:00 AM
TCLP METALS ANALYSIS		**SW6020**		**(SW3005A)**		Analyst: **MCL**
Arsenic	0.0118	0.0050		mg/L	1	5/12/2008 07:47:00 AM
Barium	0.235	0.0020		mg/L	1	5/12/2008 07:47:00 AM
Cadmium	0.231	0.0010		mg/L	1	5/12/2008 07:47:00 AM
Chromium	U	0.0050		mg/L	1	5/12/2008 07:47:00 AM
Lead	10.6	0.0200		mg/L	10	5/12/2008 04:25:00 AM
Mercury	U	0.0002		mg/L	1	5/12/2008 07:47:00 AM
Selenium	0.0064	0.0050		mg/L	1	5/12/2008 07:47:00 AM
Silver	U	0.0050		mg/L	1	5/12/2008 07:47:00 AM
PERCENT MOISTURE ANALYSIS		**D2216**				Analyst: **CWA**
Percent Moisture	31.0	0.01		wt%	1	5/9/2008

Prairie Analytical Systems, Inc.

Date: *15-May-08*

CLIENT: Illinois Environmental Protection Agency
Project: LPC# 1358070001 Eagle Zinc

Lab Order: 0805139

Lab ID: 0805139-010
Client Sample ID: 249

Collection Date: 5/2/2008 01:58:00 PM
Matrix: SOLID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TCLP METALS ANALYSIS		**SW6020**		**(SW3005A)**		Analyst: **MCL**
Zinc	3770	25.0		mg/L	5000	5/14/2008 11:54:00 AM
METALS ANALYSIS		**SW6020**		**(SW3050B)**		Analyst: **MCL**
Aluminum	5310	426		mg/Kg-dry	100	5/11/2008 06:42:00 PM
Antimony	33.2	0.852		mg/Kg-dry	2	5/12/2008 03:36:00 PM
Arsenic	40.7	0.426		mg/Kg-dry	2	5/12/2008 03:36:00 PM
Barium	383	0.426		mg/Kg-dry	2	5/12/2008 03:36:00 PM
Beryllium	U	0.426		mg/Kg-dry	2	5/13/2008 03:11:00 PM
Cadmium	64.4	0.426		mg/Kg-dry	2	5/12/2008 03:36:00 PM
Calcium	6170	3410		mg/Kg-dry	100	5/11/2008 06:42:00 PM
Chromium	104	0.426		mg/Kg-dry	2	5/12/2008 03:36:00 PM
Cobalt	36.6	0.426		mg/Kg-dry	2	5/12/2008 03:36:00 PM
Copper	890	42.6		mg/Kg-dry	100	5/11/2008 06:42:00 PM
Iron	376000	426		mg/Kg-dry	100	5/11/2008 06:42:00 PM
Lead	11700	21.3		mg/Kg-dry	100	5/11/2008 06:42:00 PM
Magnesium	1630	68.2		mg/Kg-dry	2	5/12/2008 03:36:00 PM
Manganese	1500	21.3		mg/Kg-dry	100	5/11/2008 06:42:00 PM
Mercury	0.331	0.0852		mg/Kg-dry	2	5/13/2008 03:11:00 PM
Nickel	309	0.426		mg/Kg-dry	2	5/12/2008 03:36:00 PM
Potassium	U	4260		mg/Kg-dry	100	5/11/2008 06:42:00 PM
Selenium	2.92	0.426		mg/Kg-dry	2	5/12/2008 03:36:00 PM
Silver	3.73	0.426		mg/Kg-dry	2	5/12/2008 03:36:00 PM
Sodium	U	2130		mg/Kg-dry	100	5/11/2008 06:42:00 PM
Thallium	U	0.426		mg/Kg-dry	2	5/12/2008 03:36:00 PM
Vanadium	15.5	0.426		mg/Kg-dry	2	5/12/2008 03:36:00 PM
Zinc	357000	4260		mg/Kg-dry	10000	5/12/2008 08:25:00 AM
TCLP METALS ANALYSIS		**SW6020**		**(SW3005A)**		Analyst: **MCL**
Arsenic	0.0155	0.0050		mg/L	1	5/12/2008 08:41:00 AM
Barium	0.205	0.0020		mg/L	1	5/12/2008 08:41:00 AM
Cadmium	0.708	0.0010		mg/L	1	5/12/2008 08:41:00 AM
Chromium	U	0.0050		mg/L	1	5/12/2008 08:41:00 AM
Lead	8.49	0.0200		mg/L	10	5/12/2008 04:34:00 AM
Mercury	U	0.0002		mg/L	1	5/12/2008 08:41:00 AM
Selenium	0.0065	0.0050		mg/L	1	5/12/2008 08:41:00 AM
Silver	U	0.0050		mg/L	1	5/12/2008 08:41:00 AM
PERCENT MOISTURE ANALYSIS		**D2216**				Analyst: **CWA**
Percent Moisture	6.05	0.01		wt%	1	5/9/2008

Qualifiers:

B - Analyte detected in the associated method blank.

E - Value above quantitation range.

H - Analysis performed past holding time.

HT - Sample received past holding time.

J - Analyte detected between RL and MDL.

R - RPD outside acceptance limits.

S - Spike recovery outside acceptance limits.

U - Analyte not detected (i.e. less than RL or MDL).

Prairie Analytical Systems, Inc.

Date: *15-May-08*

CLIENT: Illinois Environmental Protection Agency
Work Order: 0805139
Project: LPC# 1358070001 Eagle Zinc

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020/TAL_TCLP

Sample ID: **MBW-12305** SampType: **MBLK** TestCode: **6020/TAL_TC** Units: **mg/L** Prep Date: **5/11/2008** Run ID: **ICPMS1_080511B**
Client ID: **ZZZZZ** Batch ID: **12305** TestNo: **SW6020** **(SW3005A)** Analysis Date: **5/12/2008** SeqNo: **452978**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Zinc	U	0.00500									

Sample ID: **LCSW-12305** SampType: **LCS** TestCode: **6020/TAL_TC** Units: **mg/L** Prep Date: **5/11/2008** Run ID: **ICPMS1_080511B**
Client ID: **ZZZZZ** Batch ID: **12305** TestNo: **SW6020** **(SW3005A)** Analysis Date: **5/12/2008** SeqNo: **452979**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Zinc	0.4199	0.00500	0.5	0	84	80	120	0	0		

Sample ID: **0805164-001AMS** SampType: **MS** TestCode: **6020/TAL_TC** Units: **mg/L** Prep Date: **5/11/2008** Run ID: **ICPMS1_080511B**
Client ID: **ZZZZZ** Batch ID: **12305** TestNo: **SW6020** **(SW3005A)** Analysis Date: **5/12/2008** SeqNo: **452989**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Zinc	0.6142	0.00500	0.5	0.3178	59.3	75	125	0	0		S

Sample ID: **0805164-001AMSD** SampType: **MSD** TestCode: **6020/TAL_TC** Units: **mg/L** Prep Date: **5/11/2008** Run ID: **ICPMS1_080511B**
Client ID: **ZZZZZ** Batch ID: **12305** TestNo: **SW6020** **(SW3005A)** Analysis Date: **5/12/2008** SeqNo: **452990**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Zinc	0.6056	0.00500	0.5	0.3178	57.6	75	125	0.6142	1.41	20	S

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: Illinois Environmental Protection Agency
Work Order: 0805139
Project: LPC# 1358070001 Eagle Zinc

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020_S

Sample ID: **MBS-12303** SampType: **MBLK** TestCode: **6020_S** Units: **mg/Kg** Prep Date: **5/10/2008** Run ID: **ICPMS2_080511A**
Client ID: **ZZZZZ** Batch ID: **12303** TestNo: **SW6020** **(SW3050B)** Analysis Date: **5/14/2008** SeqNo: **453562**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	U	5.00									
Antimony	U	0.500									
Arsenic	U	0.250									
Barium	U	0.250									
Beryllium	U	0.250									
Cadmium	U	0.250									
Calcium	U	40.0									
Chromium	U	0.250									
Cobalt	U	0.250									
Copper	U	0.500									
Iron	U	5.00									
Lead	U	0.250									
Magnesium	U	40.0									
Manganese	U	0.250									
Mercury	U	0.0500									
Nickel	U	0.250									
Potassium	U	50.0									
Selenium	U	0.250									
Silver	U	0.250									
Sodium	U	25.0									
Thallium	U	0.250									
Vanadium	U	0.250									
Zinc	U	2.00									

Sample ID: **LCSS-12303** SampType: **LCS** TestCode: **6020_S** Units: **mg/Kg** Prep Date: **5/10/2008** Run ID: **ICPMS2_080511A**
Client ID: **ZZZZZ** Batch ID: **12303** TestNo: **SW6020** **(SW3050B)** Analysis Date: **5/11/2008** SeqNo: **452384**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	23.74	5.00	25	0	95	80	120	0	0		
Antimony	25.38	0.500	25	0	102	80	120	0	0		
Arsenic	22.22	0.250	25	0	88.9	80	120	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: Illinois Environmental Protection Agency
Work Order: 0805139
Project: LPC# 1358070001 Eagle Zinc

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020_S

Sample ID: **LCSS-12303** SampType: **LCS** TestCode: **6020_S** Units: **mg/Kg** Prep Date: **5/10/2008** Run ID: **ICPMS2_080511A**
Client ID: **ZZZZZ** Batch ID: **12303** TestNo: **SW6020** **(SW3050B)** Analysis Date: **5/11/2008** SeqNo: **452384**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Barium	23.31	0.250	25	0	93.2	80	120	0	0		
Beryllium	23.66	0.250	25	0	94.6	80	120	0	0		
Cadmium	22.59	0.250	25	0	90.4	80	120	0	0		
Calcium	261.5	40.0	250	0	105	80	120	0	0		
Chromium	22.03	0.250	25	0	88.1	80	120	0	0		
Cobalt	21.14	0.250	25	0	84.6	80	120	0	0		
Copper	21.53	0.500	25	0	86.1	80	120	0	0		
Iron	205.4	10.0	250	0	82.1	80	120	0	0		
Lead	27.73	0.250	25	0	111	80	120	0	0		
Magnesium	249	40.0	250	0	99.6	80	120	0	0		
Manganese	21.74	0.250	25	0	87	80	120	0	0		
Mercury	0.818	0.0500	1	0	81.8	80	120	0	0		
Nickel	20.97	0.250	25	0	83.9	80	120	0	0		
Potassium	233.4	50.0	250	0	93.3	80	120	0	0		
Selenium	21.42	0.250	25	0	85.7	80	120	0	0		
Silver	28.32	0.250	25	0	113	80	120	0	0		
Sodium	265.6	25.0	250	0	106	80	120	0	0		
Thallium	28.34	0.250	25	0	113	80	120	0	0		
Vanadium	23.94	2.50	25	0	95.8	80	120	0	0		
Zinc	20.63	10.0	25	0	82.5	80	120	0	0		

Sample ID: **0805139-001AMS** SampType: **MS** TestCode: **6020_S** Units: **mg/Kg-dry** Prep Date: **5/10/2008** Run ID: **ICPMS2_080511A**
Client ID: **13** Batch ID: **12303** TestNo: **SW6020** **(SW3050B)** Analysis Date: **5/11/2008** SeqNo: **452405**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	7336	671	33.56	7867	-1580	75	125	0	0		S
Copper	4621	67.1	33.56	5010	-1160	75	125	0	0		S
Iron	149500	671	335.6	162800	-3970	75	125	0	0		S
Lead	22790	33.6	33.56	27710	-14700	75	125	0	0		S
Nickel	1385	33.6	33.56	1465	-239	75	125	0	0		S

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: Illinois Environmental Protection Agency
Work Order: 0805139
Project: LPC# 1358070001 Eagle Zinc

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020_S

Sample ID: **0805139-001AMS** SampType: **MS** TestCode: **6020_S** Units: **mg/Kg-dry** Prep Date: **5/10/2008** Run ID: **ICPMS2_080511A**
Client ID: **13** Batch ID: **12303** TestNo: **SW6020** **(SW3050B)** Analysis Date: **5/12/2008** SeqNo: **452489**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	4850	67100	33.56	5006	-464	75	125	0	0		JS
Copper	U	6710	33.56	0	0	75	125	0	0		S
Zinc	318700	6710	33.56	331600	-38300	75	125	0	0		S

Sample ID: **0805139-001AMS** SampType: **MS** TestCode: **6020_S** Units: **mg/Kg-dry** Prep Date: **5/10/2008** Run ID: **ICPMS2_080511A**
Client ID: **13** Batch ID: **12303** TestNo: **SW6020** **(SW3050B)** Analysis Date: **5/12/2008** SeqNo: **453020**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	145.6	1.34	33.56	105	121	75	125	0	0		
Arsenic	91.28	0.671	33.56	60.68	91.2	75	125	0	0		
Barium	530.9	0.671	33.56	654.8	-369	75	125	0	0		S
Cadmium	171.7	0.671	33.56	140.3	93.6	75	125	0	0		
Chromium	74.34	0.671	33.56	42.98	93.4	75	125	0	0		
Cobalt	93.02	0.671	33.56	40.04	158	75	125	0	0		S
Magnesium	1886	107	335.6	1419	139	75	125	0	0		S
Manganese	680.7	0.671	33.56	617.3	189	75	125	0	0		S
Selenium	35.21	0.671	33.56	5.66	88.1	75	125	0	0		
Silver	65.1	0.671	33.56	28.13	110	75	125	0	0		
Thallium	22.78	0.671	33.56	0.3518	66.8	75	125	0	0		S
Vanadium	62.86	0.671	33.56	11.44	153	75	125	0	0		S

Sample ID: **0805139-001AMS** SampType: **MS** TestCode: **6020_S** Units: **mg/Kg-dry** Prep Date: **5/10/2008** Run ID: **ICPMS2_080511A**
Client ID: **13** Batch ID: **12303** TestNo: **SW6020** **(SW3050B)** Analysis Date: **5/13/2008** SeqNo: **453223**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Beryllium	31.6	0.671	33.56	0.3683	93.1	75	125	0	0		
Calcium	1776	107	335.6	1871	-28.2	75	125	0	0		S
Mercury	1.791	0.134	1.342	1.221	42.5	75	125	0	0		S

Qualifiers: ND - Not Detected at the Reporting Limit
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R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: Illinois Environmental Protection Agency
Work Order: 0805139
Project: LPC# 1358070001 Eagle Zinc

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020_S

Sample ID: **0805139-001AMS** SampType: **MS** TestCode: **6020_S** Units: **mg/Kg-dry** Prep Date: **5/10/2008** Run ID: **ICPMS2_080511A**
Client ID: **13** Batch ID: **12303** TestNo: **SW6020** **(SW3050B)** Analysis Date: **5/14/2008** SeqNo: **453568**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Potassium	463.7	671	335.6	116.4	104	75	125	0	0		J
Sodium	537.8	336	335.6	115.3	126	75	125	0	0		S

Sample ID: **0805139-001AMSD** SampType: **MSD** TestCode: **6020_S** Units: **mg/Kg-dry** Prep Date: **5/10/2008** Run ID: **ICPMS2_080511A**
Client ID: **13** Batch ID: **12303** TestNo: **SW6020** **(SW3050B)** Analysis Date: **5/11/2008** SeqNo: **452406**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	6236	631	31.55	7867	-5170	75	125	7336	16.2	20	S
Copper	4102	63.1	31.55	5010	-2880	75	125	4621	11.9	20	S
Iron	125500	631	315.5	162800	-11800	75	125	149500	17.4	20	S
Lead	23210	31.6	31.55	27710	-14300	75	125	22790	1.85	20	S
Nickel	1250	31.6	31.55	1465	-682	75	125	1385	10.3	20	S

Sample ID: **0805139-001AMSD** SampType: **MSD** TestCode: **6020_S** Units: **mg/Kg-dry** Prep Date: **5/10/2008** Run ID: **ICPMS2_080511A**
Client ID: **13** Batch ID: **12303** TestNo: **SW6020** **(SW3050B)** Analysis Date: **5/12/2008** SeqNo: **452490**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	4132	63100	31.55	5006	-2770	75	125	4850	0	20	JS
Copper	U	6310	31.55	0	0	75	125	0	0	20	S
Zinc	299700	6310	31.55	331600	-101000	75	125	318700	6.16	20	S

Sample ID: **0805139-001AMSD** SampType: **MSD** TestCode: **6020_S** Units: **mg/Kg-dry** Prep Date: **5/10/2008** Run ID: **ICPMS2_080511A**
Client ID: **13** Batch ID: **12303** TestNo: **SW6020** **(SW3050B)** Analysis Date: **5/12/2008** SeqNo: **453021**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	130.4	1.26	31.55	105	80.6	75	125	145.6	11.1	20	
Arsenic	80.77	0.631	31.55	60.68	63.6	75	125	91.28	12.2	20	S
Barium	457.2	0.631	31.55	654.8	-626	75	125	530.9	14.9	20	S
Cadmium	153	0.631	31.55	140.3	40.3	75	125	171.7	11.5	20	S
Chromium	65.28	0.631	31.55	42.98	70.7	75	125	74.34	13.0	20	S
Cobalt	79.87	0.631	31.55	40.04	126	75	125	93.02	15.2	20	S

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: Illinois Environmental Protection Agency
Work Order: 0805139
Project: LPC# 1358070001 Eagle Zinc

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020_S

Sample ID: **0805139-001AMSD** SampType: **MSD** TestCode: **6020_S** Units: **mg/Kg-dry** Prep Date: **5/10/2008** Run ID: **ICPMS2_080511A**
Client ID: **13** Batch ID: **12303** TestNo: **SW6020** **(SW3050B)** Analysis Date: **5/12/2008** SeqNo: **453021**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Magnesium	1650	101	315.5	1419	73.2	75	125	1886	13.4	20	S
Manganese	585.4	0.631	31.55	617.3	-101	75	125	680.7	15.1	20	S
Selenium	32.3	0.631	31.55	5.66	84.4	75	125	35.21	8.62	20	
Silver	57.21	0.631	31.55	28.13	92.2	75	125	65.1	12.9	20	
Thallium	20.79	0.631	31.55	0.3518	64.8	75	125	22.78	9.14	20	S
Vanadium	54.68	0.631	31.55	11.44	137	75	125	62.86	13.9	20	S

Sample ID: **0805139-001AMSD** SampType: **MSD** TestCode: **6020_S** Units: **mg/Kg-dry** Prep Date: **5/10/2008** Run ID: **ICPMS2_080511A**
Client ID: **13** Batch ID: **12303** TestNo: **SW6020** **(SW3050B)** Analysis Date: **5/13/2008** SeqNo: **453224**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Beryllium	30.8	0.631	31.55	0.3683	96.4	75	125	31.6	2.57	20	
Calcium	1869	101	315.5	1871	-0.421	75	125	1776	5.12	20	S
Mercury	1.794	0.126	1.262	1.221	45.4	75	125	1.791	0.159	20	S

Sample ID: **0805139-001AMSD** SampType: **MSD** TestCode: **6020_S** Units: **mg/Kg-dry** Prep Date: **5/10/2008** Run ID: **ICPMS2_080511A**
Client ID: **13** Batch ID: **12303** TestNo: **SW6020** **(SW3050B)** Analysis Date: **5/14/2008** SeqNo: **453569**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Potassium	423.1	631	315.5	116.4	97.2	75	125	463.7	0	20	J
Sodium	496.9	316	315.5	115.3	121	75	125	537.8	7.90	20	

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: Illinois Environmental Protection Agency
Work Order: 0805139
Project: LPC# 1358070001 Eagle Zinc

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020_TCLP

Sample ID: **MBW-12305** SampType: **MBLK** TestCode: **6020_TCLP** Units: **mg/L** Prep Date: **5/11/2008** Run ID: **ICPMS1_080511A**
Client ID: **ZZZZZ** Batch ID: **12305** TestNo: **SW6020** **(SW3005A)** Analysis Date: **5/12/2008** SeqNo: **452853**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	U	0.00500									
Barium	U	0.00200									
Cadmium	U	0.00100									
Chromium	U	0.00500									
Lead	U	0.00200									
Mercury	U	0.000200									
Selenium	U	0.00500									
Silver	U	0.00500									

Sample ID: **LCSW-12305** SampType: **LCS** TestCode: **6020_TCLP** Units: **mg/L** Prep Date: **5/11/2008** Run ID: **ICPMS1_080511A**
Client ID: **ZZZZZ** Batch ID: **12305** TestNo: **SW6020** **(SW3005A)** Analysis Date: **5/12/2008** SeqNo: **452854**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.4381	0.00500	0.5	0	87.6	80	120	0	0		
Barium	0.4936	0.00200	0.5	0	98.7	80	120	0	0		
Cadmium	0.4371	0.00100	0.5	0	87.4	80	120	0	0		
Chromium	0.51	0.00500	0.5	0	102	80	120	0	0		
Lead	0.494	0.00200	0.5	0	98.8	80	120	0	0		
Mercury	0.01855	0.000200	0.02	0	92.8	80	120	0	0		
Selenium	0.4066	0.00500	0.5	0	81.3	80	120	0	0		
Silver	0.4828	0.00500	0.5	0	96.6	80	120	0	0		

Sample ID: **0805164-001AMS** SampType: **MS** TestCode: **6020_TCLP** Units: **mg/L** Prep Date: **5/11/2008** Run ID: **ICPMS1_080511A**
Client ID: **ZZZZZ** Batch ID: **12305** TestNo: **SW6020** **(SW3005A)** Analysis Date: **5/12/2008** SeqNo: **452923**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.482	0.00500	0.5	0	96.4	75	125	0	0		
Barium	1.376	0.00200	0.5	0.9797	79.3	75	125	0	0		
Cadmium	0.364	0.00100	0.5	0.00133	72.5	75	125	0	0		S
Chromium	0.3637	0.00500	0.5	0.001995	72.3	75	125	0	0		S
Lead	0.4751	0.00200	0.5	0	95	75	125	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: Illinois Environmental Protection Agency
Work Order: 0805139
Project: LPC# 1358070001 Eagle Zinc

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020_TCLP

Sample ID: **0805164-001AMS** SampType: **MS** TestCode: **6020_TCLP** Units: **mg/L** Prep Date: **5/11/2008** Run ID: **ICPMS1_080511A**
Client ID: **ZZZZZ** Batch ID: **12305** TestNo: **SW6020** **(SW3005A)** Analysis Date: **5/12/2008** SeqNo: **452923**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.01704	0.000200	0.02	0	85.2	75	125	0	0		
Selenium	0.492	0.00500	0.5	0	98.4	75	125	0	0		
Silver	0.3855	0.00500	0.5	0	77.1	75	125	0	0		

Sample ID: **0805164-001AMSD** SampType: **MSD** TestCode: **6020_TCLP** Units: **mg/L** Prep Date: **5/11/2008** Run ID: **ICPMS1_080511A**
Client ID: **ZZZZZ** Batch ID: **12305** TestNo: **SW6020** **(SW3005A)** Analysis Date: **5/12/2008** SeqNo: **452924**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.489	0.00500	0.5	0	97.8	75	125	0.482	1.44	20	
Barium	1.387	0.00200	0.5	0.9797	81.5	75	125	1.376	0.796	20	
Cadmium	0.3639	0.00100	0.5	0.00133	72.5	75	125	0.364	0.0275	20	S
Chromium	0.378	0.00500	0.5	0.001995	75.2	75	125	0.3637	3.86	20	
Lead	0.4791	0.00200	0.5	0	95.8	75	125	0.4751	0.838	20	
Mercury	0.01761	0.000200	0.02	0	88	75	125	0.01704	3.29	20	
Selenium	0.4905	0.00500	0.5	0	98.1	75	125	0.492	0.305	20	
Silver	0.3855	0.00500	0.5	0	77.1	75	125	0.3855	0	20	

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: Illinois Environmental Protection Agency
Work Order: 0805139
Project: LPC# 1358070001 Eagle Zinc

ANALYTICAL QC SUMMARY REPORT

TestCode: PMOIST

Sample ID: **MB-R25107**	SampType: **MBLK**	TestCode: **PMOIST**	Units: **wt%**	Prep Date:	Run ID: **BALANCE2_080509A**
Client ID: **ZZZZZ**	Batch ID: **R25107**	TestNo: **D2216**		Analysis Date: **5/9/2008**	SeqNo: **452253**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Percent Moisture	U	0.0100									

Sample ID: **0805234-005D DUP**	SampType: **DUP**	TestCode: **PMOIST**	Units: **wt%**	Prep Date:	Run ID: **BALANCE2_080509A**
Client ID: **ZZZZZ**	Batch ID: **R25107**	TestNo: **D2216**		Analysis Date: **5/9/2008**	SeqNo: **452281**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Percent Moisture	8.11	0.0100	0	0	0	0	0	8.21	1.23	20	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank