PERMITTEE NAME/ADDRESS *(Include Facility Name/Location if different)*
NAME ANDALEX RESOURCES--PINNACLE
ADDRESS P.O. BOX 902
PRICE UT 84501

FACILITY
LOCATION
ATTN: MICHAEL W. GLASSON

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM *(NPDES)*
DISCHARGE MONITORING REPORT *(DMR)*

(2-16) PERMIT NUMBER	(17-19) DISCHARGE NUMBER
UTG040000	001 A

P - FINAL
SED PND DSCHRG TO DEADMAN CR

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	91	11	01	TO	91	11	30
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

MINOR

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) (46-53) QUANTITY OR LOADING (54-61) AVERAGE	MAXIMUM	UNITS	(4 Card Only) (38-45) QUALITY OR CONCENTRATION (46-53) MINIMUM	AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
FLOW RATE	SAMPLE MEASUREMENT	NO DISCHARGE			******	******	******				
00056 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT 30 DA AV	REPORT DAILY MX	GPD	******	******	******	**** ****		ONCE/ MONTH	MEASR
PH	SAMPLE MEASUREMENT	******	******			******					
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	6.5 DAILY MN	******	9.0 DAILY MX	SU		ONCE/ MONTH	GRAB
SOLIDS, TOTAL SUSPENDED 00530 P 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	******	******		******						
	PERMIT REQUIREMENT	******	******	**** ****	******	25 30 DA AV	70 DAILY MX	MG/L		ONCE/ MONTH	GRAB
SOLIDS, SETTLEABLE 00545 R 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	******	******		******	******					
	PERMIT REQUIREMENT	******	******	**** ****	******	******	0.5 DAILY MX	ML/L		ONCE/ MONTH	GRAB
OIL AND GREASE FREON EXTR-GRAV METH 00556 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	******		******	******					
	PERMIT REQUIREMENT	******	******	**** ****	******	******	10 DAILY MX	MG/L		ONCE/ MONTH	GRAB
IRON, TOTAL (AS FE) 01045 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	******		******	******					
	PERMIT REQUIREMENT	******	******	**** ****	******	******	2.0 DAILY MX	MG/L		ONCE/ MONTH	GRAB
FLOATING SOLIDS OR VISIBLE FOAM-VISUAL 45613 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******			******	******	******				
	PERMIT REQUIREMENT	******	0 DAILY MX	YES=1 NO=0	******	******	******	**** ****		ONCE/ MONTH	VISUA

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION. I BELIEVE 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. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. *(Penalties under these statutes may include fines up to $10,000 and or maximum imprisonment of between 6 months and 5 years.)*		TELEPHONE		DATE		
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO	DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*

TDS IS LIMITED TO ONE TON PER DAY FROM ALL OUTFALLS. DURING PRECIPITATION EVENTS, SETTLEABLE SOLIDS SHALL BE LIMITED INSTEAD OF TSS. REPORT "DOES NOT APPLY" IN THE APPROPRIATE ROW.

PERMITTEE NAME/ADDRESS *(Include Facility Name/Location if different)*

NAME ANDALEX RESOURCES--PINNACLE

ADDRESS P.O. BOX 902

PRICE UT 84501

FACILITY

LOCATION

ATTN: MICHAEL W. GLASSON

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM *(NPDES)*

DISCHARGE MONITORING REPORT *(DMR)*

(2-16) PERMIT NUMBER	(17-19) DISCHARGE NUMBER
UT0040009	003 A

F - FINAL

SED END DSCHRG TO DEADMAN CR

MINOR

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	91	11	01	TO	91	11	30
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) (46-53) QUANTITY OR LOADING (54-61) AVERAGE	MAXIMUM	UNITS	(4 Card Only) (38-45) QUALITY OR CONCENTRATION (46-53) MINIMUM	AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
SANITARY WASTE DISCHARGED-ASSESSMNT 45614 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******			******	******	******				
	PERMIT REQUIREMENT	******	0 DAILY MX	YES=1 NO=0	******	******	******	*****		ONCE/MONTH	VISUA
SOLIDS, TOTAL DISSOLVED 70295 0 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	******			******	******					
	PERMIT REQUIREMENT	******	2000 DAILY MX	LBS/DY	******	******	REPORT DAILY MX	MG/L		ONCE/MONTH	GRAB
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION. I BELIEVE 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. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. *(Penalties under these statutes may include fines up to $10,000 and or maximum imprisonment of between 6 months and 5 years.)*

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
801/835-[illegible]		92	1	
AREA CODE	NUMBER	YEAR	MO	DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*

TDS IS LIMITED TO ONE TON PER DAY FROM ALL OUTFALLS. DURING PRECIPITATION EVENTS, SETTLEABLE SOLIDS SHALL BE LIMITED INSTEAD OF TSS. REPORT "DOES NOT APPLY" IN THE APPROPRIATE BOX.

PERMITTEE NAME/ADDRESS *(Include Facility Name/Location if different)*
NAME ANDALEX RESOURCES--PINNACLE
ADDRESS P.O. BOX 902
PRICE UT 84501

FACILITY
LOCATION
ATTN: MICHAEL K. GLEASON

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM *(NPDES)*
DISCHARGE MONITORING REPORT *(DMR)*

(2-16) PERMIT NUMBER	(17-19) DISCHARGE NUMBER
UT0040006	001 A

F - FINAL
SED PND DSCHRG TO DRAWDAWN CR

MONITORING PERIOD

FROM YEAR (20-21)	MO (22-23)	DAY (24-25)	TO YEAR (26-27)	MO (28-29)	DAY (30-31)
91	12	01	91	12	31

MINOR

NOTE: Read Instructions before completing this form.

PARAMETER (32-37)		QUANTITY OR LOADING (3 Card Only) (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	QUALITY OR CONCENTRATION (4 Card Only) (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
FLOW RATE	SAMPLE MEASUREMENT	NO DISCHARGE			******	*****	******				
00056 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT 30 DA AV	REPORT DAILY MX	GPD	******	*****	******	**** ****		ONCE/ MONTH	TEAM
PH	SAMPLE MEASUREMENT	******	******			******					
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	*** ****	6.5 DAILY MN	******	9.0 DAILY MX	SU		ONCE/ MONTH	GRAB
SOLIDS, TOTAL SUSPENDED 00530 P 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	******	******		******						
	PERMIT REQUIREMENT	******	******	*** ****	******	25 30 DA AV	70 DAILY MX	MG/L		ONCE/ MONTH	GRAB
SOLIDS, SETTLEABLE 00545 R 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	******	******		******	******					
	PERMIT REQUIREMENT	******	******	*** ****	******	******	0.5 DAILY MX	ML/L		ONCE/ MONTH	GRAB
OIL AND GREASE FREON EXTR-GRAV METH 00556 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	******		******	******					
	PERMIT REQUIREMENT	******	******	*** ****	******	******	10 DAILY MX	MG/L		ONCE/ MONTH	GRAB
IRON, TOTAL (AS FE) 01045 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	******		******	******					
	PERMIT REQUIREMENT	******	******	*** ****	******	******	2.0 DAILY MX	MG/L		ONCE/ MONTH	GRAB
FLOATING SOLIDS OR VISIBLE FOAM-VISUAL 45613 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******			******	******	******				
	PERMIT REQUIREMENT	******	0 DAILY MX	YES=1 NO=0	******	******	******	**** ****		ONCE/ MONTH	VISUA

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		TELEPHONE		DATE		
	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE 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. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. *(Penalties under these statutes may include fines up to $10,000 and or maximum imprisonment of between 6 months and 5 years.)*		AREA CODE	NUMBER	YEAR	MO	DAY
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT				

COMMENT AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*

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PERMITTEE NAME/ADDRESS *(Include Facility Name/Location if different)*

NAME ANDALEX RESOURCES--PINNACLE

ADDRESS P.O. BOX 902

PRICE UT 84501

FACILITY

LOCATION

ATTN: MICHAEL W. GLASSON

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM *(NPDES)*

DISCHARGE MONITORING REPORT *(DMR)*

(2-16) PERMIT NUMBER	(17-19) DISCHARGE NUMBER
UTG040008	003 A

F - FINAL

SEP PND DSCHRG TO BLACKMAN CR

MINOR

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	91	12	01	TO	91	12	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

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PARAMETER (32-37)		(3 Card Only) (46-53) QUANTITY OR LOADING (54-61) AVERAGE	MAXIMUM	UNITS	(4 Card Only) (38-45) QUALITY OR CONCENTRATION (46-53) MINIMUM	AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
SANITARY WASTE DISCHARGED-ASSESSMNT 35614 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******			******	******	******				
	PERMIT REQUIREMENT	******	0 DAILY MX	YES=1 NO=0	******	******	******	**** ****		ONCE/ MONTH	VISUAL
SOLIDS, TOTAL DISSOLVED 70295 2 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	******			******	******					
	PERMIT REQUIREMENT	******	2000 DAILY MX	LBS/DY	******	******	REPORT DAILY MX	MG/L		ONCE/ MONTH	GRAB
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

TYPED OR PRINTED

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SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
AREA CODE	NUMBER	YEAR	MO	DAY
	637-3			

COMMENT AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*

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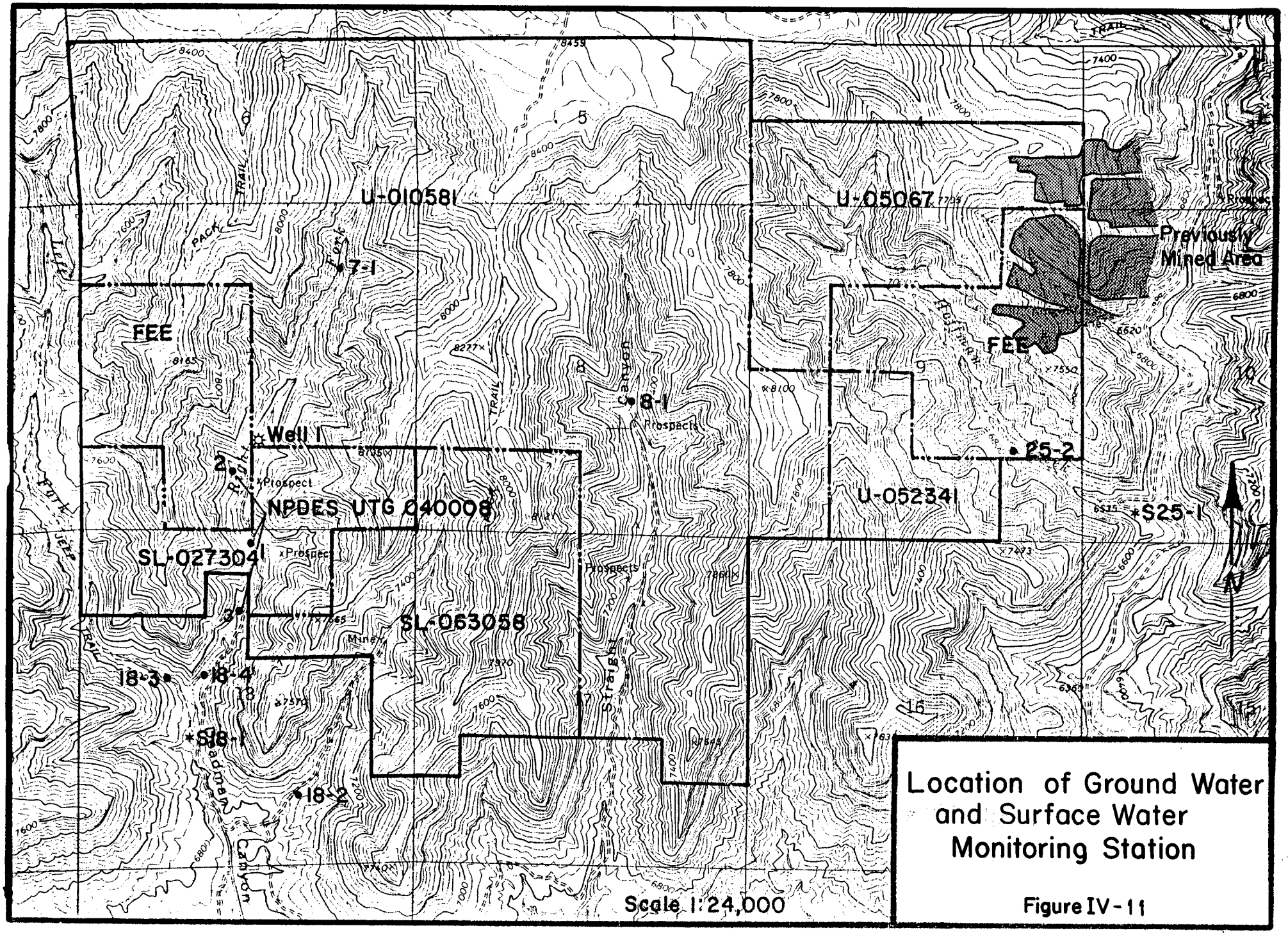

Location of Ground Water and Surface Water Monitoring Station

Figure IV-11

ANDALEX
RESOURCES, INC.
Tower Division

P.O. BOX 902
PRICE, UTAH 84501
PHONE (801) 637-5385
TELECOPIER (801) 637-8860

M E M O R A N D U M

TO: DOGM, General Inspection File

FROM: Michael W. Glasson

DATE: April 19, 1991

SUBJECT: 1991 1st Quarter Water Monitoring

WATER MONITORING 1ST QUARTER, 1991

7-1	No Flow 3-28-91
8-1	No Flow 3-28-91
S18-1	Overflow from mine discharge 3-28-91
18-2	No Flow 3-28-91
18-3	No Flow 3-28-91
18-4	Same as S18-1
S25-1	No access 3-28-91
25-2	No access 3-28-91
Well #1	Sampled 1-25-91 & 2-22-91

MWG/jo

cc: Rick Summers

COMMERCIAL TESTING & ENGINEERING CO.
GENERAL OFFICES: 1919 SOUTH HIGHLAND AVE., SUITE 210-B, LOMBARD, ILLINOIS 60148 • (708) 953-9300

Member of the SGS Group (Société Générale de Surveillance)

PLEASE ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1020, HUNTINGTON, UT 84528
TELEPHONE: (801) 653-2311
FAX: (801) 653-2479

February 8, 1991

Job No.: 59 10935

Sample ID: Andalex Resources

Date Rec'd: January 28, 1991

Date Sampled: January 25, 1991

Sampled By: Andalex

Andalex Well #1
Level 150 Raw
FIELD MEASUREMENTS
pH 7.8
Conductivity 1210
Rec'd 0800 hr.
Sampled 1200 hr.

Andalex Resources
P.O. Box 902
Price UT 84501

WATER ANALYSIS

Aluminum 02-04-91	0.15	mg/l	Copper 02-04-91	0.010<	mg/l
Alk., Bicarbonate 01-30-91	902	mg/l HCO3	Fluoride 02-04-91	0.27	mg/l
Alk., Carbonate 01-30-91	1<	mg/l CaCO3	Hardness, Total	1831	mg/l CaCO3
Arsenic 02-04-91	0.002<	mg/l	Iron 01-29-91	6.60	mg/l
Anions, Total	45.51	meq/l	Lead 02-04-91	0.223	mg/l
Barium 02-04-91	0.03<	mg/l	Magnesium 01-29-91	247.00	mg/l
Boron 02-05-91	0.53	mg/l	Manganese 01-29-91	0.25	mg/l
Cadmium 02-04-91	0.014	mg/l	Mercury 02-04-91	0.002<	mg/l
Calcium 01-29-91	326.0	mg/l	Molybdenum 02-04-91	0.10<	mg/l
Cations, Total	42.67	meq/l	Nickel 02-04-91	0.02<	mg/l
Chloride 01-30-91	210.0	mg/l	Nitrogen, Ammonia 02-05-91	0.11	mg/l
Chromium 02-04-91	0.02<	mg/l	Nitrogen, Nitrate 01-29-91	0.01<	mg/l

ANALYST: Lois Stafko

Respectfully submitted,
COMMERCIAL TESTING & ENGINEERING CO.

Manager, Huntington Laboratory

OVER 40 BRANCH LABORATORIES STRATEGICALLY LOCATED IN PRINCIPAL COAL MINING AREAS, TIDEWATER AND GREAT LAKES PORTS, AND RIVER LOADING FACILITIES

TERMS AND CONDITIONS ON REVERSE

COMMERCIAL TESTING & ENGINEERING CO.
GENERAL OFFICES: 1919 SOUTH HIGHLAND AVE., SUITE 210-B, LOMBARD, ILLINOIS 60148 • (708) 953-9300

Member of the SGS Group (Société Générale de Surveillance)

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P.O. BOX 1020, HUNTINGTON, UT 84528
TELEPHONE: (801) 653-2311
FAX: (801) 653-2479

February 8, 1991

Job No.: 59 10935

Sample ID: Andalex Resources

Date Rec'd: January 28, 1991

Date Sampled: January 25, 1991

Sampled By: Andalex

Andalex Well #1
Level 150 Raw

FIELD MEASUREMENTS

pH	7.8
Conductivity	1210

Rec'd 0800 hr.
Sampled 1200 hr.

Andalex Resources
P.O. Box 902
Price UT 84501

WATER ANALYSIS

Nitrogen, Nitrite 01-29-91	0.01<	mg/l
Oil and Grease 01-28-91	1.0<	mg/l
Phosphorus, Total 01-29-91	0.01<	mg/l
Potassium 01-29-91	20.23	mg/l
Selenium 02-04-91	0.002<	mg/l
Sodium 01-29-91	130.00	mg/l
Solids, Dissolved 01-30-91	2508.0	mg/l
Solids, Settleable 01-29-91	.5<	mg/l
Solids, Suspended 01-30-91	16.0	mg/l
Sulfate 01-30-91	1200.0	mg/l
Sulfide 02-05-91	32.80	mg/l
Zinc 02-04-91	0.05	mg/l

ANALYST: Lois Stafko

Respectfully submitted,
COMMERCIAL TESTING & ENGINEERING CO.

Manager, Huntington Laboratory

OVER 40 BRANCH LABORATORIES STRATEGICALLY LOCATED IN PRINCIPAL COAL MINING AREAS, TIDEWATER AND GREAT LAKES PORTS, AND RIVER LOADING FACILITIES

TERMS AND CONDITIONS ON REVERSE

COMMERCIAL TESTING & ENGINEERING CO.
GENERAL OFFICES: 1919 SOUTH HIGHLAND AVE., SUITE 210-B, LOMBARD, ILLINOIS 60148 • (708) 953-9300

Member of the SGS Group (Société Générale de Surveillance)

PLEASE ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1020, HUNTINGTON, UT 84528
TELEPHONE: (801) 653-2311
FAX: (801) 653-2479

March 12, 1991

Job No.: 59 10993

Sample ID: Andalex Resources

Date Rec'd: February 25, 1991

Date Sampled: February 22, 1991

Sampled By: Andalex

Andalex Resources
P.O. Box 902
Price UT 84501

Well #1
Level 120 Degrees
Sampled 1100 hr.
FIELD MEASUREMENTS
Conductivity 1621

WATER ANALYSIS

Aluminum 03-05-91	0.01<	mg/l	Chromium 03-05-91	0.02<	mg/l
Alk., Bicarbonate 01-30-91	885	mg/l HCO3	Copper 03-05-91	0.010<	mg/l
Alk., Carbonate 01-30-91	1<	mg/l CaCO3	Fluoride 03-04-91	0.40	mg/l
Alk., Total 01-03-91	725	mg/l CaCO3	Hardness, Total	1975	mg/l CaCO3
Arsenic 03-05-91	0.002<	mg/l	Iron 03-01-91	0.90	mg/l
Anions, Total	42.84	meq/l	Lead 03-05-91	0.050<	mg/l
Barium 03-05-91	0.03<	mg/l	Magnesium 03-01-91	183.00	mg/l
Boron 03-05-91	0.53	mg/l	Manganese 03-01-91	0.22	mg/l
Cadmium 03-05-91	0.002<	mg/l	Mercury 03-05-91	0.003	mg/l
Calcium 03-01-91	489.0	mg/l	Molybdenum 03-05-91	0.10<	mg/l
Cations, Total	44.67	meq/l	Nickel 03-05-91	0.02<	mg/l
Chloride 03-03-91	200.0	mg/l	Nitrogen, Ammonia 03-07-91	1.00	mg/l

ANALYST: Lois Stafko

Respectfully submitted,
COMMERCIAL TESTING & ENGINEERING CO.

Manager, Huntington Laboratory

OVER 40 BRANCH LABORATORIES STRATEGICALLY LOCATED IN PRINCIPAL COAL MINING AREAS, TIDEWATER AND GREAT LAKES PORTS, AND RIVER LOADING FACILITIES

TERMS AND CONDITIONS ON REVERSE

COMMERCIAL TESTING & ENGINEERING CO.
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Member of the SGS Group (Société Générale de Surveillance)

PLEASE ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1020, HUNTINGTON, UT 84528
TELEPHONE: (801) 653-2311
FAX: (801) 653-2479

March 12, 1991

Job No.: 59 10993

Sample ID: Andalex Resources

Date Rec'd: February 25, 1991

Date Sampled: February 22, 1991

Sampled By: Andalex

Well #1
Level 120 Degrees
Sampled 1100 hr.
FIELD MEASUREMENTS
Conductivity 1621

Andalex Resources
P.O. Box 902
Price UT 84501

WATER ANALYSIS

Oil and Grease 03-05-91	1.4	mg/l	Solids, Dissolved 03-01-91	2573.0	mg/l
Phosphorus, Total 03-05-91	0.20	mg/l	Solids, Settleable 02-26-91	.5 <	mg/l
Potassium 03-01-91	16.03	mg/l	Solids, Suspended 03-01-91	23.0	mg/l
Selenium 03-05-91	0.002 <	mg/l	Sulfate 02-25-91	1100.0	mg/l
Sodium 03-01-91	111.60	mg/l	Sulfide 03-04-91	23.80	mg/l
			Zinc 03-05-91	0.00 <	mg/l

ANALYST: Lois Stafko

Respectfully submitted,
COMMERCIAL TESTING & ENGINEERING CO.

Manager, Huntington Laboratory

OVER 40 BRANCH LABORATORIES STRATEGICALLY LOCATED IN PRINCIPAL COAL MINING AREAS, TIDEWATER AND GREAT LAKES PORTS, AND RIVER LOADING FACILITIES

TERMS AND CONDITIONS ON REVERSE

ANDALEX
RESOURCES, INC.
Tower Division

P.O. BOX 902
PRICE, UTAH 84501
PHONE (801) 637-5385
TELECOPIER (801) 637-8860

M E M O R A N D U M

TO: DOGM, General Inspection File

FROM: Michael W. Glasson

DATE: July 25, 1991

FILE: 1991 2nd Quarter Water Monitoring

****

WATER MONITORING 2ND QUARTER, 1991

7-1	No Flow 6-28-91
8-1	No Flow 6-28-91
S18-1	No Flow 6-28-91
18-2	No Flow 6-28-91
18-3	No Flow 6-28-91
18-4	No Flow 6-28-91
S25-1	Negligible Flow 5-17-91
25-2	No Flow 5-17-91
Well #1	Sampled 6-30-91

MWG/as

cc: Rick Summers

COMMERCIAL TESTING & ENGINEERING CO.
GENERAL OFFICES: 1919 SOUTH HIGHLAND AVE., SUITE 210-B, LOMBARD, ILLINOIS 60148 • (708) 953-9300
SINCE 1908
Member of the SGS Group (Société Générale de Surveillance)

PLEASE ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1020, HUNTINGTON, UT 84528
TELEPHONE: (801) 653-2311
FAX: (801) 653-2479

October 23, 1991

Job No.: 59 11336

Sample ID: Andalex Resources

Date Rec'd: July 9, 1991

Date Sampled: June 30, 1991

Sampled By: Andalex

Well #1
Temperature 15 C
Level 130
Rec'd 0830 hr.
Sampled 1200 hr.

FIELD MEASUREMENTS

Conductivity	1222
pH	7.0

ANDALEX RESOURCES
P.O. Box 902
Price UT 84501

pH provided by Andalex

WATER ANALYSIS

Aluminum 07-23-91	0.01<	mg/l	Chromium 07-23-91	0.02<	mg/l
Alk., Bicarbonate 07-11-91	853	mg/l HCO3	Copper 07-23-91	0.010<	mg/l
Alk., Carbonate 07-11-91	1<	mg/l CaCO3	Fluoride 07-26-91	0.42	mg/l
Alk., Total 07-11-91	699	mg/l CaCO3	Hardness, Total	2527	mg/l CaCO3
Arsenic 07-23-91	0.002<	mg/l	Iron 07-30-91	25.02	mg/l
Anions, Total	55.21	meq/l	Lead 07-23-91	0.050<	mg/l
Barium 07-23-91	0.03<	mg/l	Magnesium 07-30-91	350.00	mg/l
Boron 08-01-91	0.21	mg/l	Manganese 07-30-91	0.29	mg/l
Cadmium 07-23-91	0.008	mg/l	Mercury 07-24-91	0.002<	mg/l
Calcium 07-30-91	434.8	mg/l	Molybdenum 07-23-91	0.10<	mg/l
Cations, Total	57.52	meq/l	Nickel 07-23-91	0.03	mg/l
Chloride 07-29-91	210.0	mg/l	Nitrogen, Ammonia 07-23-91	1.59	mg/l

ANALYST: _____

Respectfully submitted,
COMMERCIAL TESTING & ENGINEERING CO.

Manager, Huntington Laboratory

OVER 40 BRANCH LABORATORIES STRATEGICALLY LOCATED IN PRINCIPAL COAL MINING AREAS, TIDEWATER AND GREAT LAKES PORTS, AND RIVER LOADING FACILITIES

TERMS AND CONDITIONS ON REVERSE

COMMERCIAL TESTING & ENGINEERING CO.
GENERAL OFFICES: 1919 SOUTH HIGHLAND AVE., SUITE 210-B, LOMBARD, ILLINOIS 60148 • (708) 953-9300
SINCE 1908
Member of the SGS Group (Société Générale de Surveillance)

PLEASE ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1020, HUNTINGTON, UT 84528
TELEPHONE: (801) 653-2311
FAX: (801) 653-2479

October 16, 1991

Job No.: 59 11336

Date Rec'd: July 9, 1991

Date Sampled: June 30, 1991

Sampled By: Andalex

Andalex Resources
P.O. Box 902
Price UT 84501

Sample ID: Andalex Resources

Well #1
Temperature 15 C
Level 130
Rec'd 0830 hr.
Sampled 1200 hr.
FIELD MEASUREMENTS
Conductivity 1222

OCT 1991

WATER ANALYSIS

Aluminum 07-23-91	0.01<	mg/l	Chromium 07-23-91	0.02<	mg/l
Alk., Bicarbonate 07-11-91	853	mg/l HCO3	Copper 07-23-91	0.010<	mg/l
Alk., Carbonate 07-11-91	1<	mg/l CaCO3	Fluoride 07-26-91	0.42	mg/l
Alk., Total 07-11-91	699	mg/l CaCO3	Hardness, Total	2527	mg/l CaCO3
Arsenic 07-23-91	0.002<	mg/l	Iron 07-30-91	25.02	mg/l
Anions, Total	55.21	meq/l	Lead 07-23-91	0.050<	mg/l
Barium 07-23-91	0.03<	mg/l	Magnesium 07-30-91	350.00	mg/l
Boron 08-01-91	0.21	mg/l	Manganese 07-30-91	0.29	mg/l
Cadmium 07-23-91	0.008	mg/l	Mercury 07-24-91	0.002<	mg/l
Calcium 07-30-91	434.8	mg/l	Molybdenum 07-23-91	0.10<	mg/l
Cations, Total	57.52	meq/l	Nickel 07-23-91	0.03	mg/l
Chloride 07-29-91	210.0	mg/l	Nitrogen, Ammonia 07-23-91	1.59	mg/l

ANALYST: Lois Stafko

Respectfully submitted,
COMMERCIAL TESTING & ENGINEERING CO.

Manager, Huntington Laboratory

OVER 40 BRANCH LABORATORIES STRATEGICALLY LOCATED IN PRINCIPAL COAL MINING AREAS, TIDEWATER AND GREAT LAKES PORTS, AND RIVER LOADING FACILITIES

TERMS AND CONDITIONS ON REVERSE

ANDALEX
RESOURCES, INC.
Tower Division

P.O. BOX 902
PRICE, UTAH 84501
PHONE (801) 637-5385
TELECOPIER (801) 637-8860

M E M O R A N D U M

TO: DOGM, General Inspection File

FROM: Michael W. Glasson MWG

DATE: October 29, 1991

SUBJECT: 1991 3rd Quarter Water Monitoring

WATER MONITORING 3RD QUARTER, 1991

7-1	No Flow 9-30-91
8-1	No Flow 9-30-91
S18-1	No Flow 9-30-91
18-2	No Flow 9-30-91
18-3	No Flow 9-30-91
18-4	No Flow 9-30-91
S25-1	Sampled 9-13-91
25-2	No Flow 9-30-91
Well #1	Sampled 9-30-91

MWG/jo

cc: Rick Summers

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P.O. BOX 1020, HUNTINGTON, UT 84528
TELEPHONE: (801) 653-2311
FAX: (801) 653-2479

October 22, 1991

Job No.: 59 11586

Date Rec'd: October 1, 1991

Date Sampled: September 30, 1991

Sampled By: Andalex

ANDALEX RESOURCES
P.O. Box 902
Price UT 84501

Sample ID: ANDALEX RESOURCES

pH was provided by Andalex.
Oil & Grease bottle broken at Lab.

Well #1
Depth 59'
Temperature 16.1 Degrees
Rec'd 1200 hr.
Sampled 1145 hr.

FIELD MEASUREMENTS

pH	6.8
Conductivity	1980

WATER ANALYSIS

Acidity 10-08-91	10	mg/l CaCO3	Chloride 10-08-91	150.0	mg/l
Aluminum 10-17-91	0.01<	mg/l	Chromium 10-17-91	0.06	mg/l
Alk., Bicarbonate 10-08-91	668	mg/l HCO3	Copper 10-17-91	0.010<	mg/l
Alk., Carbonate 10-08-91	1<	mg/l CaCO3	Fluoride 10-08-91	0.25	mg/l
Alk., Total 10-08-91	548	mg/l CaCO3	Hardness, Total	2264	mg/l CaCO3
Arsenic 10-09-91	0.002<	mg/l	Iron 10-03-91	0.37	mg/l
Anions, Total	42.19	meq/l	Iron, Dissolved 10-03-91	0.13	mg/l
Barium 10-17-91	0.03<	mg/l	Lead 10-17-91	0.050<	mg/l
Boron 10-02-91	0.29	mg/l	Magnesium 10-03-91	346.40	mg/l
Cadmium 10-17-91	0.002<	mg/l	Manganese 10-03-91	0.21	mg/l
Calcium 10-03-91	335.3	mg/l	Mercury 10-08-91	0.002<	mg/l
Cations, Total	52.23	meq/l	Molybdenum 10-17-91	0.10<	mg/l

ANALYST: [illegible]

Respectfully submitted,
COMMERCIAL TESTING & ENGINEERING CO.

[illegible]

Manager, Huntington Laboratory

OVER 40 BRANCH LABORATORIES STRATEGICALLY LOCATED IN PRINCIPAL COAL MINING AREAS, TIDEWATER AND GREAT LAKES PORTS, AND RIVER LOADING FACILITIES

TERMS AND CONDITIONS ON REVERSE

COMMERCIAL TESTING & ENGINEERING CO.
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PLEASE ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1020, HUNTINGTON, UT 84528
TELEPHONE: (801) 653-2311
FAX: (801) 653-2479

September 26, 1991

Job No.: 59 11534

Sample ID: Andalex Resources

Date Rec'd: September 16, 1991

Date Sampled: September 13, 1991

Sampled By: Andalex

Andalex Resources
P.O. Box 902
Price UT 84501

Andalex Location S 25-1
Temperature 11.2 C
Flow 4 GPM
Rec'd 0800 hr.

FIELD MEASUREMENTS

pH	8.2
Conductivity	783

RECEIVED
SEP 27 1991
ANDALEX RESOURCES, INC.

WATER ANALYSIS

Acidity 09-18-91	15	mg/l CaCO3	Iron 09-24-91	0.13	mg/l
Alk., Bicarbonate 09-18-91	654	mg/l HCO3	Iron, Dissolved 09-24-91	0.13	mg/l
Alk., Total 09-18-91	536	mg/l CaCO3	Magnesium 09-24-91	183.20	mg/l
Arsenic 09-17-91	0.007	mg/l	Nitrogen, Nitrate 09-12-91	0.01<	mg/l
Anions, Total	28.23	meq/l	Potassium 09-24-91	75.81	mg/l
Boron 09-23-91	0.59	mg/l	Sodium 09-24-91	70.87	mg/l
Calcium 09-24-91	177.2	mg/l	Solids, Dissolved 09-16-91	1608.0	mg/l
Cations, Total	28.90	meq/l	Solids, Settleable 09-17-91	1.0<	mg/l
Chloride 09-24-91	35.0	mg/l	Solids, Suspended 09-16-91	18.0	mg/l
Conductivity 09-18-91	2100	umhos/cm	Sulfate 09-12-91	800.0	mg/l
Hardness, Total	1197	mg/l CaCO3			

ANALYST: [illegible]

Respectfully submitted,
COMMERCIAL TESTING & ENGINEERING CO.

[illegible]

Manager, Huntington Laboratory

OVER 40 BRANCH LABORATORIES STRATEGICALLY LOCATED IN PRINCIPAL COAL MINING AREAS, TIDEWATER AND GREAT LAKES PORTS, AND RIVER LOADING FACILITIES

TERMS AND CONDITIONS ON REVERSE

COMMERCIAL TESTING & ENGINEERING CO.
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PLEASE ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1020, HUNTINGTON, UT 84528
TELEPHONE: (801) 653-2311
FAX: (801) 653-2479

December 2, 1991

Job No.: 59 11534

Sample ID: Andalex Resources

Date Rec'd: September 16, 1991

Date Sampled: September 13, 1991

Sampled By: Andalex

ANDALEX RESOURCES
P.O. Box 902
Price UT 84501

Andalex Location S 25-1
Temperature 11.2 C
Flow 4 GPM
Rec'd 0800 hr.

FIELD MEASUREMENTS

pH	8.2
Conductivity	783

WATER ANALYSIS

Acidity 09-18-91	15	mg/l CaCO3	Chloride 09-24-91	35.0	mg/l
Aluminum 09-19-91	0.01	mg/l	Chromium 09-19-91	0.02	mg/l
Alk., Bicarbonate 09-18-91	654	mg/l HCO3	Conductivity 09-18-91	2100	umhos/cm
Alk., Carbonate 09-18-91	1	mg/l CaCO3	Hardness, Total	1197	mg/l CaCO3
Alk., Total 09-18-91	536	mg/l CaCO3	Iron 09-24-91	0.13	mg/l
Arsenic 09-17-91	0.007	mg/l	Iron, Dissolved 09-24-91	0.13	mg/l
Anions, Total	28.23	meq/l	Lead 09-19-91	0.050	mg/l
Barium 09-19-91	0.17	mg/l	Magnesium 09-24-91	183.20	mg/l
Boron 09-23-91	0.59	mg/l	Manganese 09-24-91	0.01	mg/l
Cadmium 09-19-91	0.002	mg/l	Mercury 09-17-91	0.002	mg/l
Calcium 09-24-91	177.2	mg/l	Molybdenum 09-19-91	0.12	mg/l
Cations, Total	28.90	meq/l	Nickel 09-19-91	0.04	mg/l

ANALYST: Lois Stafko

Respectfully submitted,
COMMERCIAL TESTING & ENGINEERING CO.

Manager, Huntington Laboratory

COMMERCIAL TESTING & ENGINEERING CO.
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PLEASE ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1020, HUNTINGTON, UT 84528
TELEPHONE: (801) 653-2311
FAX: (801) 653-2479

December 2, 1991

Job No.: 59 11534

Sample ID: Andalex Resources

Date Rec'd: September 16, 1991

Date Sampled: September 13, 1991

Sampled By: Andalex

Andalex Location S 25-1
Temperature 11.2 C
Flow 4 GPM
Rec'd 0800 hr.

FIELD MEASUREMENTS

pH	8.2
Conductivity	783

ANDALEX RESOURCES
P.O. Box 902
Price UT 84501

WATER ANALYSIS

Nitrogen, Ammonia 09-19-91	0.01	mg/l	Sodium 09-24-91	70.87	mg/l
Nitrogen, Nitrate 09-12-91	0.01<	mg/l	Solids, Dissolved 09-16-91	1608.0	mg/l
Nitrogen, Nitrite 09-12-91	0.01<	mg/l	Solids, Settleable 09-17-91	1.0	mg/l
Oil and Grease 09-23-91	1.0<	mg/l	Solids, Suspended 09-16-91	18.0	mg/l
Potassium 09-24-91	75.81	mg/l	Sulfate 09-12-91	800.0	mg/l
Selenium 09-17-91	0.002	mg/l	Zinc 09-19-91	0.04	mg/l

ANALYST: Lois Stafko

Respectfully submitted,
COMMERCIAL TESTING & ENGINEERING CO.

Manager, Huntington Laboratory

ANDALEX
RESOURCES, INC.
Tower Division

P.O. BOX 902
PRICE, UTAH 84501
PHONE (801) 637-5385
TELECOPIER (801) 637-8860

M E M O R A N D U M

TO: DOGM, General Inspection File

FROM: Michael W. Glasson

DATE: January 6, 1992

SUBJECT: 1991 4th Quarter Water Monitoring

WATER MONITORING 4th QUARTER, 1991

7-1	No Flow 10-30-91
8-1	No Flow 10-30-91
S18-1	Overflowed by discharge 10-30-91
18-2	No Flow 10-30-91
18-3	No Flow 10-30-91
18-4	Overflowed by discharge 10-30-91
S25-1	Negligible flow 10-30-91
25-2	No Flow 10-30-91
Well #1	Sampled 10-30-91

MWG/jo

cc: Rick Summers

12:00 Noon
Taken 10-30-91

COMMERCIAL TESTING & ENGINEERING CO.

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PLEASE ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1020, HUNTINGTON, UT 84528
TELEPHONE: (801) 653-2311

Job No.: 59 " 10119

Date Rec'd: November 6, 1991

Date Sampled: ------

Sampled By: ANDALEX RESOURCES, INC
MWG

Andalex Resources
P.O. Box 902
Price UT 84501

Sample ID: ANDALEX RESOURCES, INC.

WELL #1
Depth 120'
Temperature 18 degrees C.
Rec'd 0800 hr.
No Sampling Time
Field Measurements
pH 7.2
Conductivity 1680

WATER ANALYSIS

Acidity	95	mg/l CaCO3	Chromium	0.02<	mg/l
Alk., Bicarbonate	893	mg/l HCO3	Copper	0.010<	mg/l
Alk., Carbonate	1<	mg/l CaCO3	Fluoride	0.75	mg/l
Alk., Total	732	mg/l CaCO3	Hardness, Total	2107	mg/l CaCO3
Arsenic	0.002<	mg/l	Iron	1.94	mg/l
Anions, Total	46.33	meq/l	Iron, Dissolved	1.85	mg/l
Barium	1.03<	mg/l	Lead	0.050<	mg/l
Boron	0.44	mg/l	Magnesium	348.80	mg/l
Cadmium	0.002<	mg/l	Manganese	0.23	mg/l
Calcium	266.4	mg/l	Mercury	0.002<	mg/l
Cations, Total	46.86	meq/l	Molybdenum	0.10<	mg/l
Chloride	245.0	mg/l	Nitrogen, Ammonia	0.27	mg/l

ANALYST: D. Tyson

Respectfully submitted,
COMMERCIAL TESTING & ENGINEERING CO.

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COMMERCIAL TESTING & ENGINEERING CO.
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Member of the SGS Group (Société Générale de Surveillance)

PLEASE ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1020, HUNTINGTON, UT 84528
TELEPHONE: (801) 653-2311

Job No.: 59 10119

Date Rec'd: November 6, 1991

Date Sampled: ------

Sampled By: ANDALEX RESOURCES, INC.
MWG

Andalex Resources
P.O. Box 902
Price UT 84501

Sample ID: ANDALEX RESOURCES, INC.

WELL #1
Depth 120'
Temperature 18 degrees C.
Rec'd 0800 hr.
No Sampling Time
Field Measurements
pH 7.2
Conductivity 1680

WATER ANALYSIS

Nitrogen, Nitrate	0.11	mg/l	Sodium	101.70	mg/l
Nitrogen, Kjeldahl	0.42	mg/l	Solids, Dissolved	2650.0	mg/l
Oil and Grease	1.0<	mg/l	Solids, Suspended	8.0	mg/l
Phosphorus, Total	0.01<	mg/l	Sulfate	1200.0	mg/l
Potassium	18.00	mg/l	Sulfide	4.20	mg/l
Selenium	0.002<	mg/l	Zinc	0.35	mg/l

ANALYST: D. Tyson

Respectfully submitted,
COMMERCIAL TESTING & ENGINEERING CO.

Manager, Huntington Lab.

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February 11, 1992

PLEASE ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1020, HUNTINGTON, UT 84528
TELEPHONE: (801) 653-2311
FAX: (801) 653-2479

Sample identification by

Kind of sample reported to us

Sample taken at

Sample taken by RONNIE GINES

Date sampled ------

Date received July 22, 1991

Analysis report no. 59-000000

Parameter	Result	MDL	Units	Method	Analyzed Date/Time/Analyst
Magnesium	XXXXXXX	.01	mg/l	EPA 242.1	- - 99:99 reh
Manganese	XXXXXXX	.01	mg/l	EPA 243.1	- - 99:99 reh
Mercury	XXXXXXX	.002	mg/l	EPA 245.1	- - 99:99 reh
Molybdenum	XXXXXXX	.1	mg/l	EPA 246.1	- - 99:99 reh
Nickel	XXXXXXX	.02	mg/l	EPA 249.1	- - 99:99 reh
Nitrogen, Ammonia	XXXXXXX	.01	mg/l	EPA 350.3	- - 99:99 reh
Nitrogen, Nitrate	XXXXXXX	.01	mg/l	EPA 353.3	- - 99:99 reh
Nitrogen, Nitrite	XXXXXXX	.01	mg/l	EPA 354.1	- - 99:99 reh
Oil & Grease	XXXXXXX	1	mg/l	EPA 413.1	- - 99:99 reh
Oxygen, Dissolved	XXXXXXX	.01	mg/l	EPA 360.1	- - 99:99 reh
pH	XXXXXXX	----	Units	EPA 150.1	- - 99:99 reh
Phosphorus, Ortho	XXXXXXX	.01	mg/l	EPA 365.2	- - 99:99 reh
Phosphorus, Total	XXXXXXX	.01	mg/l	EPA 365.2	- - 99:99 reh
Potassium	XXXXXXX	.01	mg/l	EPA 258.1	- - 99:99 reh
Selenium	XXXXXXX	.002	mg/l	EPA 270.3	- - 99:99 reh
Silica	XXXXXXX	.3	mg/l	EPA 370.1	- - 99:99 reh
Silver	XXXXXXX	.01	mg/l	EPA 272.1	- - 99:99 reh
Sodium	XXXXXXX	.01	mg/l	EPA 273.1	- - 99:99 reh
Solids, Settleable	XXXXXXX	.5	mg/l	EPA 160.5	- - 99:99 reh
Solids, Total Dissolved	XXXXXXX	.5	mg/l	EPA 160.1	- - 99:99 reh
Solids, Total Suspended	XXXXXXX	.5	mg/l	EPA 160.2	- - 99:99 reh
Sulfate	XXXXXXX	.1	mg/l	EPA 375.4	- - 99:99 reh
Sulfide	XXXXXXX	.1	mg/l	EPA 376.1	- - 99:99 reh
Turbidity	XXXXXXX	.1	NTU	EPA 180.1	- - 99:99 reh

Respectfully submitted,
COMMERCIAL TESTING & ENGINEERING CO.

Manager, Huntington Laboratory

OVER 40 BRANCH LABORATORIES STRATEGICALLY LOCATED IN PRINCIPAL COAL MINING AREAS, TIDEWATER AND GREAT LAKES PORTS, AND RIVER LOADING FACILITIES
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February 11, 1992

PLEASE ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1020, HUNTINGTON, UT 84528
TELEPHONE: (801) 653-2311
FAX: (801) 653-2479

Sample identification by

Kind of sample reported to us

Sample taken at

Sample taken by RONNIE GINES

Date sampled ------

Date received July 22, 1991

Analysis report no. 59-000000

Parameter	Result	MDL	Units	Method	Analyzed Date/Time/Analyst
cidity	XXXXXXX	1	mg/l $CaCO_3$	EPA 305.1	- - 99:99 REH
alkalinity, Bicarbonate	XXXXXXX	1	mg/l $CaCO_3$	EPA 310.1	- - 99:99 REH
Alkalinity, Carbonate	XXXXXXX	1	mg/l $CaCO_3$	EPA 310.1	- - 99:99 REH
Alkalinity, Total	XXXXXXX	1	mg/l $CaCO_3$	EPA 310.1	- - 99:99 REH
Aluminum	XXXXXXX	.5	mg/l	EPA 202.1	- - 99:99 REH
Anions	XXXXXXX	----	meq/l	---------	---------- ----- --
Arsenic	XXXXXXX	.002	mg/l	EPA 206.3	- - 99:99 REH
Barium	XXXXXXX	.03	mg/l	EPA 208.1	- - 99:99 REH
Beryllium	XXXXXXX	.005	mg/l	EPA 210.1	- - 99:99 REH
Boron	XXXXXXX	.01	mg/l	EPA 212.3	- - 99:99 REH
Cadmium	XXXXXXX	.005	mg/l	EPA 213.1	- - 99:99 reh
Calcium	XXXXXXX	.1	mg/l	EPA 215.1	- - 99:99 reh
Cations	XXXXXXX	----	meq/l	---------	---------- ----- --
Chloride	XXXXXXX	.1	mg/l	EPA 325.3	- - 99:99 reh
Chromium	XXXXXXX	.02	mg/l	EPA 218.1	- - 99:99 reh
Coliform, Fecal	XXXXXXX	2	MPN/100 ml	---------	- - 99:99 reh
Coliform, Total	XXXXXXX	2	MPN/100 ml	---------	- - 99:99 reh
Conductivity	XXXXXXX	2	umhos/cm	EPA 120.1	- - 99:99 reh
Copper	XXXXXXX	.01	mg/l	EPA 220.1	- - 99:99 reh
Fluoride	XXXXXXX	.01	mg/l	EPA 340.2	- - 99:99 reh
Hardness, Total	XXXXXXX	1	mg/l $CaCO_3$	---------	- - 99:99 reh
Iron	XXXXXXX	.02	mg/l	EPA 236.1	- - 99:99 reh
Iron, Dissolved	XXXXXXX	.02	mg/l	EPA 236.1	- - 99:99 reh
Lead	XXXXXXX	.05	mg/l	EPA 239.1	- - 99:99 reh

Respectfully submitted,
COMMERCIAL TESTING & ENGINEERING CO.

Manager, Huntington Laboratory

OVER 40 BRANCH LABORATORIES STRATEGICALLY LOCATED IN PRINCIPAL COAL MINING AREAS, TIDEWATER AND GREAT LAKES PORTS, AND RIVER LOADING FACILITIES
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