

**APPENDIX D**  
**MONITORING WELL SAMPLING LOGS**

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**APPENDIX D  
MONITORING WELL SAMPLING LOGS**

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## WELL PURGE RECORD

PROJECT NAME: Load Line 3 Phase II RI

DELIVERY ORDER NO: ECAS 186

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Date: 9/11/01

Time: 0323

Well Number and Location: LL3-232

Purge Crew: Martha Clough  
Vicki Brumbach

Date and Time: Begin: 9-11-01 0857 Completed: 09-11-01 1538

Purge Method(S): ~~Micropurge Baiter because of low recharge rate~~ <sup>see 9/11/01</sup>  
Micropurge with SamplePro bladder pump

Total Quantity of Water Removed: 2.5 gals

FIELD MEASUREMENT	SERIAL NUMBER	DATE OF LAST CALIBRATION
Temperature	206276 R	9-11-01
Specific Conductivity	↓	↓
Water Level	05767	NA
pH	206276 R	9-11-01
Dissolved Oxygen	↓	↓

Recorded By: Vicki Brumbach  
(Signature and Date)  
9-11-01

QA Check By: SMCaul 09-20-01  
(Signature and Date)

WELL PURGE RECORD

PROJECT NAME: Load Line 3 Phase II RI

DELIVERY ORDER NO: ECAS 186

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WELL NUMBER AND LOCATION: U3-232

DATE	TIME	GALLONS REMOVED	TEMP(C)	SPECIFIC CONDUCTIVITY (µMHOS/CM)	pH (Standard Units)	TURBIDITY	TOTAL GALLONS REMOVED	DO, WELL VOLUMES REMOVED	COMMENTS
<del>09-11-01</del>	0936	0.6	10.71	0.559	6.74	very muddy	0.6	1.20	
			<del>20</del> 03/08/02						
	1324	0.1	13.54	0.601	7.26	turbid	0.7	3.59	
	1331	0.8	13.00	0.591	6.85	turbid	1.5	3.32	
	1341	0.5	13.00	0.589	6.83	turbid	0.2	2.22	
	1351	0.5	13.09	0.590	6.82	turbid	2.5	2.16	
	1538	-	16.63	0.594	6.93	clear	-	2.83	
<del>09-26-01 SM</del>									

RECORDED BY: Urbis Brumbach 09-11-01  
(Signature and Date)

QA CHECK BY: SMC Canal 09-26-01  
(Signature and Date)

5b  
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TASK TEAM ACTIVITY LOG SHEET

PROJECT NAME: Load Line 3 Phase II RI

DELIVERY ORDER NO: ECAS 186

Date (mm/dd/yy): 9/11/01 Su M Tu W Th F Sa PAGE 1 OF 1  
Task Team Members:

Brod Richardson  
Martha Clough  
BW 03/08/02

SM 09-210-01

Narrative (include time and location):

1336 - Depth to water = 32.55' BTOC

Total Depth = 32.70' BTOC

-Bail down to dry.

Note: Column of water 0.15 <sup>NPL 9/11/01</sup> BTOC - will wait 4 hours to see if recovered to 90% [0.14 or more]

Note enough water for parameters not available

9/18/01 Martha Clough Chantelle Carrou (Tu) - overcast lower 60's

8:36 Return to well, can not get water level, appears dry?

send balls down - no water -

Will contact Brod and Lisa for guidance

SM 09-210-01

Daily Weather Conditions: A.M. 70's Sunny

P.M. N/A

Recorded By Brod Richardson QA Checked By Sally Carroll  
Chantelle Carroll

TASK TEAM ACTIVITY LOG SHEET

PROJECT NAME: Load Line 3 Phase II RI

DELIVERY ORDER NO: ECAS 186

Date (mm/dd/yy): 2/25/02 Su (M) Tu W Th F Sa PAGE 1 OF 1  
Task Team Members:

M. Clough

B Williams

~~2/25/02~~

~~2/25/02~~

Narrative (include time and location):

1/21/01 1030 ~~water level~~ <sup>D. Williams</sup> 32.72

H<sub>2</sub>O = 31.82

90 ft of water

1050 - well bailed dry after ~ 1 gallon.

1/22/01

0936 H<sub>2</sub>O Level = 32.44

Insufficient water to sample

2/22/02 1055 - H<sub>2</sub>O = 30.68

1430 - Bailed well dry ~ 2 gallons

2/25/02 0945 H<sub>2</sub>O = 30.66

0950 - Sample well LL3mw233

Sample ID LL31102

Field parameters not collected.

Daily Weather Conditions: A.M. 2/25 - Sunny, 50's

P.M. NA

Recorded By M. Clough QA Checked By B. Williams



## WELL PURGE RECORD

PROJECT NAME: Load Line 3 Phase II RI

DELIVERY ORDER NO: ECAS 186

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Date: 09/11/01

Time: 1437

Well Number and Location: LL3-234 LOAD LINE 3

Purge Crew: Beau Williams (SAIC)

Susan McCauslin (Spec Pro)

Date and Time: Begin: 09/11/01 / 1438 Completed: 09/11/01 / 1733

Purge Method(S): MICROPURGE BLACK PUMP (SAMPLE PRO)

Total Quantity of Water Removed: 10.65 LITERS-gals <sup>BW</sup> <sub>09/11/01</sub>

FIELD MEASUREMENT	SERIAL NUMBER	DATE OF LAST CALIBRATION
Temperature	QED FLOW CELL METER MP24 QD 09/11/01 # 00193	09/11/01
Specific Conductivity	SAME AS ABOVE	SAME AS ABOVE
Water Level	HERON DIPPER-T 05769	N/A
pH	QED FLOW CELL METER MP24 QD 00193	09/11/01

Recorded By: B. Williams 09/11/01  
(Signature and Date)

QA Check By: M. Clough 9/24/01  
(Signature and Date)

# WELL PURGE RECORD

PROJECT NAME: Load Line 3 Phase II RI

DELIVERY ORDER NO: ECAS 186

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WELL NUMBER AND LOCATION: W3-234 LOAD LINE 3

*PN 09/11/01*

DATE	TIME	GALLONS REMOVED LITERS	TEMP(C)	SPECIFIC CONDUCTIVITY (µMHOS/CM)	pH (Standard Units)	TURBIDITY D.O.	TOTAL GALLONS REMOVED LITERS	WELL VOLUMES REMOVED	COMMENTS
09/11/01	1440	0.0 L	23.85	0.283	7.47	2.10	0.0 L		INITIAL; WATER LEVEL 12.4 FT CLOUDY WITH SUSPENDED FLAKES
09/11/01	1450	0.55 L	21.80	0.284	7.47	0.70	0.55 L		WATER LEVEL 12.42 FT CLOUDY WITH SUSPENDED FLAKES
09/11/01	1500	0.55 L	21.01	0.282	7.46	0.48	1.1 L		" " " "
09/11/01	1510	0.55 L	21.22	0.281	7.45	0.39	1.65 L		SLIGHTLY TURBID SAMPLE " " " "
09/11/01	1533 <sup>PN</sup> <del>1535</del> <sup>09/11/01</sup>	9 L	21.06	0.270	7.43	1.03	10.65 L		SLIGHTLY TURBID FINAL READING " " " "
D-10									

RECORDED BY: B. Williams 09/11/01  
(Signature and Date)

QA CHECK BY: M. Clough 9/26/01  
(Signature and Date)

TASK TEAM ACTIVITY LOG SHEET

PROJECT NAME: Load Line 3 Phase II RI

DELIVERY ORDER NO: ECAS 186

Date (mm/dd/yy): 09/11/01 Su M Tu W Th F Sa PAGE 1 OF 2  
Task Team Members:

Brad Richardson  
Martha Clough  
~~Ben 03/05/02~~

~~09-26-01 SM~~

Narrative (include time and location):

1350. = Depth to Water = 22.60 ft. BTOC  
Total Depth = 20.91 ft. BTO2  
• Bail to dry  
Note: Column of Water 0.31' - will wait  
4 hours to see it recovered to 90% [0.28']  
Note: not enough water for reliable parameters.

9/18/01 return to well - Martha Clough, Chantelle Carrou, Tu, Overcast, mist  
8:44 20.68 Depth to water  
22.92 Total Depth  
8:45 Bail to dry,  $\frac{1}{2}$  about 100 mL removed  
\* Check with Brad and USACE for guidance

9/26/01 - H<sub>2</sub>O Level = 22.73  
~~SM 09-26-01~~

Daily Weather Conditions: A.M. 70's Sunny  
P.M. N/A

Recorded By Brad Richardson QA Checked By M Clough  
Chantelle Carrou

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**TASK TEAM ACTIVITY LOG SHEET**

**PROJECT NAME:** Load Line 3 Phase II RI      **DELIVERY ORDER NO:** ECAS 186

Date (mm/dd/yy): 1/21/02      Su  M  Tu  W  Th  F  Sa      PAGE 1 OF 2  
 Task Team Members:

Martha Clough  
Beau Williams      ~~\_\_\_\_\_~~  
 \_\_\_\_\_

Narrative (include time and location):  
1/21/2002

1100      T.D. = 22.91  
                  H<sub>2</sub>O = 18.71  
                                  4.20

1125 Well Bailed dry

1/22/2002 - Return to Sample

1015 H<sub>2</sub>O = 19.52

1020 - Sampled well  
 Flowcell would not calibrate -  
 No field parameters collected.

~~\_\_\_\_\_~~  
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 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Daily Weather Conditions: A.M. 1/21 30°F, CLOUDY, LT. SNOW

P.M. N/A  
 Recorded By M Clough      QA Checked By B. Williams

## WELL PURGE RECORD

PROJECT NAME: Load Line 3 Phase II RI DELIVERY ORDER NO: ECAS 186

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Date: 09/11/01

Time: 0915

Well Number and Location: LL3 MW 236

Purge Crew: Beau Williams SAIC  
Susan McCaustin Spec Pro

Date and Time: Begin: 09/11/01 1035 Completed: 9/11/01 0858  
9/18/01 m.c. 9/24/01

Purge Method(S): Micro Purge Bladder Pump (Sample Pro) m.c.  
BAILER

Total Quantity of Water Removed: 8 gals

FIELD MEASUREMENT	SERIAL NUMBER	DATE OF LAST CALIBRATION
Temperature	GED FLOW CELL METER MP 20 QD 00193	09/11/01
Specific Conductivity	SAME AS ABOVE	SAME AS ABOVE
Water Level	HERON DIPPER T 05769	N/A
pH	GED FLOW CELL METER MP 20 QD 00193	09/11/01
Temp, Spec cond, pt, turbidity	HORIBA U-10 14652	09/11/01

Recorded By: S. McCaustin 09/11/01  
(Signature and Date)

QA Check By: M. Clough 9/24/01  
(Signature and Date)

**WELL PURGE RECORD**

**PROJECT NAME:** Load Line 3 Phase II Bl

**DELIVERY ORDER NO:** ECAS 186

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**WELL NUMBER AND LOCATION:** LL3 MW 236

DATE	TIME	GALLONS REMOVED	TEMP(C)	SPECIFIC CONDUCTIVITY (µMHOS/CM)	pH (Standard Units)	SM TURBIDITY D.O.	TOTAL GALLONS REMOVED	WELL VOLUMES REMOVED	COMMENTS
09/11/01	1855	0	19.71	.251	6.86	423	0	0	INITIAL READING
	1340	0	15.3	.214	6.70	46 (turb)			INITIAL READING - BAILING TO PURGE
	1345	1	13.7	.226	6.67	540 (turb)	1		
	1348	1	13.4	.229	6.68	455 (turb)	2		
	1352	1	13.2	.225	6.70	999 (turb)	3		
	1357	1	13.4	.237	6.78	999 (turb)	4		Final READING - WELL BAILED DRY
09/18/01	0923	4	12.3	.321	6.46	999 (turb)	8		

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RECORDED BY: S. McCaus 9/11/01  
(Signature and Date)

QA CHECK BY: M. Clough 9/24/01  
(Signature and Date)

**WELL PURGE RECORD**

**PROJECT NAME:** Load Line 3 Phase II RI      **DELIVERY ORDER NO:** ECAS 186

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Date: 09/19/01

Time: 0750

Well Number and Location: LL3 MW 237

Purge Crew: Brad Richardson SAK  
Susan McCausten Spec Pro

Date and Time: Begin: 09-19-01 / 0802 Completed: 09-19-01 / 1040

Purge Method(S): Micropurge MP10 controller w/ sample Pro pump  
02/03/02

Total Quantity of Water Removed: 14 L gals SA

FIELD MEASUREMENT	SERIAL NUMBER	DATE OF LAST CALIBRATION
Temperature	Micropurge Flow Cell Meter MP 20 QD 00193	09-19-01
Specific Conductivity	SAME AS ABOVE	SAME AS ABOVE
Water Level	HERCAL DIPPER T 05767	N/A
pH	Micropurge Flow Cell Meter MP 20 QD 00193	09-19-01

Recorded By: SMcCausten 09-19-01  
(Signature and Date)

QA Check By: M Clough 9/20/01  
(Signature and Date)

WELL PURGE RECORD

PROJECT NAME: Load Lining Phase II-R

DELIVERY ORDER NO: ECAS 186

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WELL NUMBER AND LOCATION: LL3 MW 237

DATE	TIME	GALLONS REMOVED	TEMP(C)	SPECIFIC CONDUCTIVITY ( $\mu$ MHOS/CM)	pH (Standard Units)	D.O. TURBIDITY SU	TOTAL GALLONS REMOVED	WELL VOLUMES REMOVED	COMMENTS
09-19-01	0805	0	16.34	.366	6.54	4.03	0	-	INITIAL READING; turbid
	0815	1L	14.14	.359	6.78	1.93	1L	-	still turbid, clearing slightly
	0825	12L SM	14.38	.360	6.78	1.67	2L	-	clearing slightly
	0835	1L	14.44	.356	6.78	1.40	3L	-	Readings stabilized; begin sampling
	1040	11 L	16.41	.327	6.84	1.81	14L	-	Final Readings
<del>09-19-01 SM</del>									

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RECORDED BY: S McAuslin 09-19-01  
(Signature and Date)

QA CHECK BY: M Cloud 9/26/01  
(Signature and Date)

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**WELL PURGE RECORD**

**PROJECT NAME:** Load Line 3 Phase II RI      **DELIVERY ORDER NO:** ECAS 186

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Date: 09/18/01

Time: 1107

Well Number and Location: LL3 MW 238

Purge Crew: Brad Richardson SMC  
Susan McCauslin Spec Pro

Date and Time: Begin: 09/18/01 1125 Completed: 09-18-01 1432

Purge Method(S): MicroPurge MP 10 Controller w/ Sample Pro  
pump

Total Quantity of Water Removed: 9L gals SM

FIELD MEASUREMENT	SERIAL NUMBER	DATE OF LAST CALIBRATION
Temperature	MicroPurge Flow Cell Meter MP-20 QD 00193	09-18-01
Specific Conductivity	SAME AS ABOVE	SAME AS ABOVE
Water Level	HEROW DIPPER T 05767	N/A
pH	MicroPurge Flow Cell Meter MP-20 QD 00193	09-18-01

Recorded By: S McCauslin 9-18-01  
(Signature and Date)

QA Check By: M Clough 9/26/01  
(Signature and Date)

# WELL PURGE RECORD

PROJECT NAME: Load Line 3 Phase II RI

DELIVERY ORDER NO: ECAS 186

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WELL NUMBER AND LOCATION: LL3 MW 238

DATE	TIME	GALLONS REMOVED	TEMP(C)	SPECIFIC CONDUCTIVITY (µMHOS/CM)	pH (Standard Units)	D.O. TURBIDITY	TOTAL GALLONS REMOVED	WELL VOLUMES REMOVED	COMMENTS
09-18-01	1125	0	18.50	.211	6.90	6.16	0	—	INITIAL READING
	1135	1L	16.62	.209	7.03	6.15	1L	—	
	1145	1L	16.59	.208	7.07	6.03	2L	—	
	1155	1L	17.29	.206	7.05	5.88	3L	—	Parameters stable, Begin sampling @ 1155
	1433	6L	23.44	0.206	7.73	5.38	9L	—	Final parameters
<del>09-18-01 SM</del>									

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RECORDED BY: SMClaus 09-18-01  
(Signature and Date)

QA CHECK BY: M Claus 9/26/01  
(Signature and Date)

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## WELL PURGE RECORD

**PROJECT NAME:** Load Line 3 Phase II RI      **DELIVERY ORDER NO:** ECAS 186

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Date: 9/18/01

Time: 1115

Well Number and Location: LL3 mw239

Purge Crew: Martha Clough

Chantelle Carroll

Date and Time:      Begin: 9/18/01 11:40      Completed: 9/18/01, 12:44

Purge Method(S): ~~Water~~ <sup>Water</sup> Bailer used due to insufficient recharge.

Total Quantity of Water Removed: 5 gals

FIELD MEASUREMENT	SERIAL NUMBER	DATE OF LAST CALIBRATION
Temperature	Horiba 14652	9/18/01
Specific Conductivity	Horiba 14652	9/18/01
Water Level	Dipper-T 05769	N/A
pH	Horiba 14652	9/18/01

Recorded By: Chantelle Carroll 9/18/01  
(Signature and Date)

QA Check By: M Clough 9/26/01  
(Signature and Date)

WELL PURGE RECORD

PROJECT NAME: Load Line 3 Phase 1 RI

DELIVERY ORDER NO: ECAS 186

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WELL NUMBER AND LOCATION: LL3 MW 239

DATE	TIME	GALLONS REMOVED	TEMP(C)	SPECIFIC CONDUCTIVITY (µMHOS/CM)	pH (Standard Units)	TURBIDITY	TOTAL GALLONS REMOVED	WELL VOLUMES REMOVED	COMMENTS
9/18/01	12:37	4.5	12.5	0.190	6.37	999	4.5	5.0	had to use baler
<del>ALL</del>									

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RECORDED BY: Chantle Camell 9/18/01  
(Signature and Date)

QA CHECK BY: J. Clough 9/26/01  
(Signature and Date)

# WELL PURGE RECORD

PROJECT NAME: Load Line 3 Phase II RI DELIVERY ORDER NO: ECAS 186

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Date: 09/18/01

Time: 1510

Well Number and Location: LL3 MW 240

Purge Crew: Brad Richardson SAIC  
Susan McCauslin Spec Pro

Date and Time: Begin: 09-18-01 11530 Completed: 09-18-01 1645

Purge Method(S): Micropurge MP10 controller with Sample Pro pump  
~~20~~ ~~09/18/01~~

Total Quantity of Water Removed: 20 L gals sm

FIELD MEASUREMENT	SERIAL NUMBER	DATE OF LAST CALIBRATION
Temperature	Micropurge Flow CELL METER MP 20 QD 00193	09-18-01
Specific Conductivity	SAME AS ABOVE	SAME AS ABOVE
Water Level	HERON DIPPER T 05767	N/A
pH	Micropurge Flowcell METER MP 20 QD 00193	09-18-01

Recorded By: S. McCauslin 9/18/01  
 (Signature and Date)

QA Check By: M. Clough 9/20/01  
 (Signature and Date)

WELL PURGE RECORD

PROJECT NAME: Load Line 3 Phase II RI

DELIVERY ORDER NO: ECAS 186

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WELL NUMBER AND LOCATION: LL3MW240

DATE	TIME	GALLONS REMOVED	TEMP(C)	SPECIFIC CONDUCTIVITY (μMHOS/CM)	pH (Standard Units)	D.O. TURBIDITY SM	TOTAL GALLONS REMOVED	WELL VOLUMES REMOVED	COMMENTS
09-18-01	1530	0	15.50	.202	7.84	5.16	0	-	INITIAL READING; turbid
	1540	3L	11.85	.204	7.76	4.24	3L	-	turbid
	1550	36L <sup>SM</sup>	11.69	.203	7.53	4.23	6L	-	turbid
	1600	3L	11.69	.203	7.40	4.28	9L	-	clearing
	1645	11L	12.00	.200	7.41	5.30	20L	-	FINAL READING
<del>SM 09-18-01</del>									

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RECORDED BY: SMC Cause 09-18-01  
(Signature and Date)

QA CHECK BY: M Clough 9/20/01  
(Signature and Date)

## WELL PURGE RECORD

PROJECT NAME: Load Line 3 Phase II RI

DELIVERY ORDER NO: ECAS 186

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Date: 09/20/01

Time: 0825

Well Number and Location: U3 MW 241

Purge Crew: Marta Clough SAIC  
Susan McCauslin Spec Pro

Date and Time: Begin: 09-20-01 / 0840 Completed: 09-21-01 / 0950

Purge Method(S): Micropurge Sample Pro Pump; Bailer

Total Quantity of Water Removed: 0 gals

FIELD MEASUREMENT	SERIAL NUMBER	DATE OF LAST CALIBRATION
Temperature	Micropurge Flow Cell Meter MP20 QD00193	09-20-01
Specific Conductivity	SAME AS ABOVE	SAME AS ABOVE
Water Level	HERAN Dipper T	N/A
pH	Micropurge Flow Cell Meter MP20 QD 00193	09-20-01
Temp, COND, pH, Turbidity	HORIBA U-10 14652	09-21-01

Recorded By: S McCauslin 09-20-01  
(Signature and Date)

QA Check By: M Clough 9/20/01  
(Signature and Date)

# WELL PURGE RECORD

PROJECT NAME: Load Line 3 Phase I(R)

DELIVERY ORDER NO: ECAS 186

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WELL NUMBER AND LOCATION: L23 MW 241

DATE	TIME	GALLONS REMOVED	TEMP(C)	SPECIFIC CONDUCTIVITY (µMHOS/CM)	pH (Standard Units)	D.O. TURBIDITY	TOTAL GALLONS REMOVED	WELL VOLUMES REMOVED	COMMENTS
09-20-01	0840	0	15.45	.240	6.66	2.66	0	-	INITIAL READING - orange by coagulated IRON.
	0850	1L	15.89	.243	6.71	1.71	1L	-	Discontinue micropurge
09-21-01	0915	0	15.2	.282	6.16	157 (turbidity)	0	-	INITIAL READING
	0950	11 1/2 L	14.9	.212	5.81	(999) slightly turbid	11 1/2 L	-	FINAL READING
<del>09-21-01 SM</del>									

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RECORDED BY: SMC 09-20-01  
(Signature and Date) 09-21-01

QA CHECK BY: M Cloud 9/6/01  
(Signature and Date)



## WELL PURGE RECORD

PROJECT NAME: Load Line 3 Phase II RI

DELIVERY ORDER NO: ECAS 186

Date: 9/26/01  
9/19/01 cc

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Time:

Well Number and Location: LL3 MW242

Purge Crew: Martha Clough

Chantelle Carroll

Date and Time: Begin: 9/19/01 <sup>9/20/01</sup> AM Completed: 9/20/01 AM

Purge Method(S): bailer. Bailed due to insufficient recharge and water column. No parameters taken. <sup>cup</sup> ~~center~~

Total Quantity of Water Removed: 2 gals

FIELD MEASUREMENT	SERIAL NUMBER	DATE OF LAST CALIBRATION
Temperature	Horiba 14652	9/18/01
Specific Conductivity	Horiba 14652	9/18/01
Water Level	Dipper T 05769	N/A
pH	Horiba 14652	9/18/01

Recorded By: Chantelle Carroll 9/26/01  
(Signature and Date)

QA Check By: Christina P. Abbott 09/26/01  
(Signature and Date)

# WELL PURGE RECORD

PROJECT NAME: Load Line 3 Phase II RI

DELIVERY ORDER NO: ECAS 186

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WELL NUMBER AND LOCATION: LL3mw242

DATE	TIME	GALLONS REMOVED	TEMP(C)	SPECIFIC CONDUCTIVITY ( $\mu$ MHOS/CM)	pH (Standard Units)	TURBIDITY	TOTAL GALLONS REMOVED	WELL VOLUMES REMOVED	COMMENTS
<del>ALL</del>									
<del>9/19/01</del>									

RECORDED BY: *Chawli Canell* 9/19/01  
(Signature and Date)

QA CHECK BY: \_\_\_\_\_  
(Signature and Date)

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# WELL PURGE RECORD

**PROJECT NAME:** Load Line 3 Phase II RI **DELIVERY ORDER NO:** ECAS 186

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Date: 09/10/01

Time: 1505

Well Number and Location: LL3-243 OUTSIDE LL3 (SOUTHWEST OF) ON SOUTH SERVICE RD.

Purge Crew: BEAN WILLIAMS (SAC)

SUSAN MCCASLIN (SPECTRO)

Date and Time: Begin: 09/10/01 / 1530 Completed: 09/10/01 / 1753

Purge Method(S): MICRO PURGE BLADDER PUMP (SAMPLE PRE)

Total Quantity of Water Removed: 90,25 L gals. SM

FIELD MEASUREMENT	SERIAL NUMBER	DATE OF LAST CALIBRATION
Temperature	QED FLOW CELL METER MODEL MP20 QD 00193	09/10/01
Specific Conductivity	SAME AS ABOVE	SAME AS ABOVE
Water Level	HERON DIPPER-T 05769	NOT NECESSARY
pH	QED FLOW CELL METER MODEL MP20 QD 00193	09/10/01

Recorded By: B. Williams 09/10/01  
(Signature and Date)

QA Check By: S. McCaslin 09-20-01  
(Signature and Date)

WELL PURGE RECORD

PROJECT NAME: Load Line 3 Phase II RI

DELIVERY ORDER NO: ECAS 186

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WELL NUMBER AND LOCATION: LL3 MW243 <sup>OUTSIDE</sup> LOAD LINE 3 ON S. SERVICE RD.

DATE	TIME	GALLONS REMOVED LITRES	TEMP (C)	SPECIFIC CONDUCTIVITY (µMHOS/CM)	pH (Standard Units)	TURBIDITY D.O.	TOTAL GALLONS REMOVED LITRES	WELL VOLUMES REMOVED	COMMENTS
09/10/01	1530	0.0 L	15.94	0.182	6.81	5.73	0.0 L	0	PURGE RATE = 750 ml/min MURKY BROWN, WATER LEVEL 24.21 FT
09/10/01	1540	7.5 L	11.41	0.182	6.49	5.07	7.5 L		SLIGHTLY TURBID, WATER LEVEL 24.21 FT
09/10/01	1550	7.5 L	11.32	0.182	6.33	4.72	15 L		SLIGHTLY TURBID, " " "
09/10/01	1600	7.5 L	11.30	0.183	6.23	4.72	22.5 L		SLIGHTLY TURBID " " "
09/10/01	1610	7.5 L	11.24	0.183	6.16	4.89	30 L		BEGIN SAMPLING CLEAR, " " "
09/10/01	161753	60.25 L	11.26	0.183	6.11	4.97	90.25 L		FINAL READING CLEAR, " " "
<del>09-20-01 SA</del>									

RECORDED BY: B. Williams 09/10/01  
(Signature and Date)

QA CHECK BY: McGee 09-20-01  
(Signature and Date)

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