

**APPENDIX C**  
**MONITORING WELL SAMPLING LOGS**

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**APPENDIX C**  
**MONITORING WELL SAMPLING LOGS**

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**WELL PURGE RECORD**

**PROJECT NAME: Ramsdell Quarry Phase I RI**      **DELIVERY ORDER NO: CY11**

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Date: 11/12/03

Time: 1300

Well Number and Location: RQ1mw-012 Ramsdell Quarry Landfill

Purge Crew: Tom Butler  
Kelly Lowe

Date and Time: Begin: 11/12/03, 1300 Completed: 11/12/03, 1413

Purge Method(S): Whale pump

Total Quantity of Water Removed: 55 gals

FIELD MEASUREMENT	SERIAL NUMBER	DATE OF LAST CALIBRATION
Temperature	15235	11/12/03
Specific Conductivity	↓	↓
Water Level	↓	↓
pH	↓	↓

Recorded By: Kelly AS 11/12/03  
(Signature and Date)

QA Check By: [Signature] 12/8/03  
(Signature and Date)

WELL NUMBER AND LOCATION: RQL mw - 012

DATE	TIME	GALLONS REMOVED	TEMP(C)	SPECIFIC CONDUCTIVITY (µMHOS/CM)	pH (Standard Units)	TURBIDITY	TOTAL GALLONS REMOVED	WELL VOLUMES REMOVED	COMMENTS
11/12/03	1318	0	14.2	.211	4.64	999	0	0	Initial Reading
	1326	11	13.4	.562	4.09	109	11	1.0	
	1335	11	13.3	.584	3.97	105	22	2.0	
	1345	11	13.2	.559	3.97	19	33	3.0	
	1355	11	13.0	.529	4.02	3	44	4.0	
	1407	11	13.0	.508	4.07	10	55	5.0	final reading
12/2/03	0900	0	9.4	0.323	4.19	269	0	NA	initial reading
	0904	2.0	10.2	0.409	3.81	342	2.0	NA	
	0910	1.0	10.2	0.425	3.90	335	3.0	NA	
	0915	1.0	10.8	0.443	3.94	280	4.0	NA	temp incr. as sun comes out
	0921	0.5	10.7	0.450	3.94	225	4.5	NA	final reading prior to sampling
	1030	NA	10.0	0.479	3.81	4	NA	NA	final reading

Sampling

RECORDED BY: T. Brown 11/12/03  
(Signature and Date)

QA CHECK BY: Kelly 12/8/03  
(Signature and Date)

Kelly 12/2/03

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**WELL PURGE RECORD**

**PROJECT NAME:** Ramsdell Quarry Phase I RI

**DELIVERY ORDER NO.:** CY11

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Date: 11/12/03

Time: 0740

Well Number and Location: RQ1mw-013

Purge Crew: Kelly Lowe, Tom Butler

Date and Time:

Begin: 0740 / 11/12/03 Completed: 11/12/03 / 0930

Purge Method(S):

Whale Pump

Total Quantity of Water Removed: 58 gals

FIELD MEASUREMENT	SERIAL NUMBER	DATE OF LAST CALIBRATION
Temperature	15235	11/12/03
Specific Conductivity	↓	↓
Water Level	↓	↓
pH	↓	↓

Recorded By:

Kelly AS 11/12/03  
(Signature and Date)

QA Check By:

Kelly AS 12/15/03  
(Signature and Date)

WELL NUMBER AND LOCATION: RQ Lmw - 013

DATE	TIME	GALLONS REMOVED	TEMP(C)	SPECIFIC CONDUCTIVITY (µMHOS/CM)	pH (Standard Units)	TURBIDITY	TOTAL GALLONS REMOVED	WELL VOLUMES REMOVED	COMMENTS
11/12/03	0750	0	12.5	0.520	3.87	999	0	0	initial reading
	0843	15	12.5	0.425	4.40	44	15	1.3	
	0857	8	12.5	0.429	4.44	6	23	2	
	0906	12	12.5	0.431	4.40	10	35	3	
	0918	11	12.5	0.427	4.45	10	46	4	
	0930	12	12.6	0.431	4.40	10	58	5	final reading
12/2/03	1239	133	8.8	0.439	3.90	96	0.33	NA	initial reading
	1244		9.6	0.406	3.83	342	0.06		
	1249		9.4	0.471	3.93	47	1.0		
	1254		9.5	0.474	3.94	13	1.33		
	1259		9.8	0.476	3.97	3	1.66		final reading before sampling
	1357		9.4	0.409	3.89	10	NA		final reading

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← Sampling →

RECORDED BY:

Kelly [Signature] 11/12/03  
(Signature and Date)

QA CHECK BY:

[Signature] 12/4/03  
(Signature and Date)



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**WELL PURGE RECORD**

**PROJECT NAME: Ramsdell Quarry Phase I RI**      **DELIVERY ORDER NO: CY11**

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Date: 11/12/03

Time: 0800

Well Number and Location: RQL mw - 014

Purge Crew: Tom Butler  
Kelly Lowe

Date and Time: Begin: 11/12/03, 0800 Completed: 11/12/03, 0915

Purge Method(S): Whale Pump

Total Quantity of Water Removed: 600 gals

FIELD MEASUREMENT	SERIAL NUMBER	DATE OF LAST CALIBRATION
Temperature	15235	11/12/03
Specific Conductivity	↓	↓
Water Level		
pH	↓	↓

Recorded By: T. Butler 11/12/03  
(Signature and Date)

QA Check By: Kelly 12/08/03  
(Signature and Date)

WELL NUMBER AND LOCATION: RQL mw - 014

DATE	TIME	GALLONS REMOVED	TEMP(C)	SPECIFIC CONDUCTIVITY (uMHOS/CM)	pH (Standard Units)	TURBIDITY	TOTAL GALLONS REMOVED	WELL VOLUMES REMOVED	COMMENTS
11/12/03	0815	0	12.6	.351	5.60	999	0	0	Initial Reading
	0820	12	12.6	.421	5.78	999	12	1	
	0835	24	12.6	.466	5.85	262	24	2	
	0845	12	12.5	.455	5.71	20	36	3	
	0900	12	12.6	.458	5.69	5	48	4	
	0910	12	12.6	.455	5.86	1	60	5	Final Reading
	12/2/03	0	9.0	.257	5.94	999	0	NA	Initial reading before micropurge sampling
	12/2/03	1.0	10.7	.255	6.22	478	1.0	NA	
		1.0	10.8	.265	6.32	315	2.0	NA	
		1.0	10.9	.276	6.38	235	3.0	NA	final reading before micropurge sampling
		5.0	10.1	.319	6.44	0	8.0	NA	final reading

Sampling

RECORDED BY: T. Brown 12 NOV 03  
(Signature and Date)

QA CHECK BY: [Signature] 12/05/03  
(Signature and Date)

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**WELL PURGE RECORD**

**PROJECT NAME:** Ramsdell Quarry Phase I RI      **DELIVERY ORDER NO:** CYH

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Date: 11/12/03

Time: 1422

Well Number and Location: R01mw-015

Purge Crew: Kelly Lowe, Tom Butler

Date and Time: Begin: 11/12/03, 1422 Completed: 11/13/03,

Purge Method(S): Whale pump

Total Quantity of Water Removed: 53 gals

FIELD MEASUREMENT	SERIAL NUMBER	DATE OF LAST CALIBRATION
Temperature	15235	11/12/03
Specific Conductivity	↓	↓
Water Level		
pH	↓	↓

Recorded By: Kelly Lowe 11/12/03  
(Signature and Date)

QA Check By: M. O'Connell 2/1/04  
(Signature and Date)



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### WELL PURGE RECORD

WELL NAME: Ramsdell Quarry Phase I RI DELIVERY ORDER NO: CY11

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Time: 0915

Date: 11/13/03

Well Number and Location: RQ1mw-016

Purge Crew: Kelly Lowe, Tom Butler

Date and Time:

Begin: 11/13/03 0915 Completed: 11/19/03 0845

Purge Method(S): Whale pump / Bailer

Total Quantity of Water Removed: 20 gals

FIELD MEASUREMENT	SERIAL NUMBER	DATE OF LAST CALIBRATION
Temperature	15235	11/13/03
Specific Conductivity	↓	↓
Water Level	↓	↓
pH	↓	↓

Recorded By: Kelly AS 11/13/03  
(Signature and Date)

QA Check By: [Signature] 3/1/04  
(Signature and Date)

WELL NUMBER AND LOCATION: RWLMW06

DATE	TIME	GALLONS REMOVED	TEMP(C)	SPECIFIC CONDUCTIVITY (µMHOS/CM)	pH (Standard Units)	TURBIDITY	TOTAL GALLONS REMOVED	WELL VOLUMES REMOVED	COMMENTS
11/13/03	0939	0	9.9	1.74	6.17	999	0	0	initial reading
	↓ 1005	7	10.4	1.62	6.44	999	7	1	
11/17/03	0915	7	11.0	1.93	6.63	22	14	2	
11/19/03	0845	6	11.9	1.90	6.50	72	20	3	final reading (FCO allows low producing wells to be developed only to 3 volumes removed)
<del>Keep 13/11/03</del>									
<del>Temperature affected by weather on diff. days</del>									
12/14/03	0920	NA	9.5	2.22	5.86	70	NA	NA	final readings

Sampling

RECORDED BY: Kee-15- 11/13/03  
(Signature and Date)

QA CHECK BY: [Signature] 2/1/04  
(Signature and Date)

### WELL PURGE RECORD

PROJECT NAME: Ramsdell Quarry Phase I RI

DELIVERY ORDER NO: CY11

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Date: 11/14/03

Time: 1115

Well Number and Location: RQDmw117

Purge Crew: Kelly Lowe

Date and Time:

Begin: 11/14/03 / 1115 Completed: 11/24/03 / 1105

Purge Method(S):

Whale pump / Plastic Bailer

Total Quantity of Water Removed: 11.1 gals

FIELD MEASUREMENT	SERIAL NUMBER	DATE OF LAST CALIBRATION
Temperature	14908	11/14/03
Specific Conductivity	↓	↓
Water Level		
pH		

Recorded By:

Kelly Lowe 11/14/03  
(Signature and Date)

QA Check By:

M. Cough 3/1/04  
(Signature and Date)



## WELL PURGE RECORD

PROJECT NAME: Ramsdell Quarry Phase I RI

DELIVERY ORDER NO: CY11

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WELL NUMBER AND LOCATION: RQ1mw117

DATE	TIME	GALLONS REMOVED	TEMP(C)	SPECIFIC CONDUCTIVITY (µMHOS/CM)	pH (Standard Units)	TURBIDITY	TOTAL GALLONS REMOVED	WELL VOLUMES REMOVED	COMMENTS
11/14/03	1129	0	9.4	1.28	5.0	999	0	0	initial reading
11/17/03	0844	4	10.9	0.739	6.0	547	4	1	
11/19/03	1410	3.5	12.5	0.765	6.10	72	7.5	2	
11/20/03	1605	3.6	11.5	0.780	6.13	77	11.1	3	final reading
<div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%); opacity: 0.5;"> <p>* temperature changes due to weather on diff. days.</p> </div>									

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RECORDED BY: Kelly [Signature] 11/20/03  
 (Signature and Date)

QA CHECK BY: [Signature] 3/1/04  
 (Signature and Date)



TASK TEAM ACTIVITY LOG SHEET

PROJECT NAME: Ramsdell Quarry Phase I RI

DELIVERY ORDER NO: CY11

Date (mm/dd/yy): 05/19/04 <sup>SRA 3/16/05</sup>

Su M Tu W **Th** F Sa

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Acc-wide water levels

Narrative (include time and location):

Acc-wide water level measurements taken prior to purging/sampling for May 2004 RQL Follow-On Sampling event SRA 3/16/05

N.W-10	21.77	0929
11	18.15	0933
12	17.54	0937
09	2.12	0942
08	3.38	0946
06	30.10	0952
16	30.16	0957
07	3.53	1004
15	26.36	1009
13	21.55	1013
14	16.17	1016
17	23.29	1059

(Well ID)	(depth [ft] below top of casing)	(time [a.m.])	SRA 3/16/05
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Daily Weather Conditions: A.M. \_\_\_\_\_

P.M. \_\_\_\_\_

Recorded By \_\_\_\_\_ QA Checked By Sally Absher 3/16/05

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