

June 24, 2008

U. S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
Mail Stop P1-137  
Washington, DC 20555-0001

Ladies and Gentlemen:

ULNRC-05523

**DOCKET NUMBER 50-483  
CALLAWAY PLANT UNIT 1  
UNION ELECTRIC CO.  
FACILITY OPERATING LICENSE NPF-30  
2007 ANNUAL RADIOLOGICAL  
ENVIRONMENTAL OPERATING REPORT  
Reference: ULNRC-05509, dated April 30, 2008**



Please find enclosed three replacement pages for the referenced 2007 Annual Radiological Environmental Operating Report for Callaway Plant. Each page contains a single corrected number (indicated by the bubble). Correction was required due to typographical error. Attachment 1 provides each page showing the corrected number and Attachment 2 provides clean copy pages.

This revised report is submitted in accordance with Section 5.6.2 of the Technical Specifications and Appendix B to the Callaway Plant Operating License.

If there are any questions, please contact us.

Sincerely,

A handwritten signature in black ink, appearing to read "Luke H. Graessle".

Luke H. Graessle  
Manager, Regulatory Affairs

DJW/nls

Attachment 1: Pages Showing Markups (Pages C-12, C-22, and C-26)  
Attachment 2: Clean Typed Pages (Pages C-12, C-22, and C-26)

ULNRC-05523

June 24, 2008

Page 2

cc: Mr. Elmo E. Collins, Jr.  
Regional Administrator  
U.S. Nuclear Regulatory Commission  
Region IV  
611 Ryan Plaza Drive, Suite 400  
Arlington, TX 76011-4005

Senior Resident Inspector  
Callaway Resident Office  
U.S. Nuclear Regulatory Commission  
8201 NRC Road  
Steedman, MO 65077

Mr. Mohan C. Thadani (2 copies)  
Licensing Project Manager, Callaway Plant  
Office of Nuclear Reactor Regulation  
U. S. Nuclear Regulatory Commission  
Mail Stop O-8G14  
Washington, DC 20555-2738

Mr. Edward Everett  
ANI Account Engineer  
95 Glastonbury  
Glastonbury, CT 06033

Regional Administrator  
Department of Natural Resources  
Central Regional Office  
P.O. Box 176  
Jefferson City, MO 65102-0176

**Index and send hardcopy to QA File A160.0761**

**Hardcopy:**

Certrec Corporation

4200 South Hulen, Suite 422

Fort Worth, TX 76109

(Certrec receives ALL attachments as long as they are non-safeguards and may be publicly disclosed.)

**Electronic distribution for the following can be made via Other Situations  
ULNRC Distribution:**

C. D. Naslund

A. C. Heflin

T. E. Herrmann

L. H. Graessle

G. A. Hughes

S. A. Maglio

S. L. Gallagher

L. M. Belsky (NSRB)

T. B. Elwood

D. J. Walker

C. C. Graham

Ms. Diane M. Hooper (WCNOC)

Mr. Dennis Buschbaum (TXU)

Mr. Scott Bauer (Palo Verde)

Mr. Stan Ketelsen (PG&E)

Mr. Scott Head (STP)

Mr. John O'Neill (Pillsbury Winthrop Shaw Pittman LLP)

Missouri Public Service Commission


**ATTACHMENT 1**  
**PAGES SHOWING MARKUPS**  
**(Page C-12, C-22, and C-26)**

CALLAWAY

**C-2. Drinking well water, Quarterly collections, analyses for gross beta, tritium, iodine-131 and gamma-emitting isotopes.**

Units: pCi/L

---

Location		-WWA-PW-001									
Quarter		1st Qtr.		2nd Qtr.		3rd Qtr.		4th Qtr.			
Lab Code	Req. LLD	CAWW-	72	CAWW-	1903	CAWW-	4168	CAWW-	6797		
Gross Beta	4										
H-3	2000				< 167		< 143			< 174	
I-131	1										
Mn-54	15		< 2.0		< 2.9		< 2.9			< 3.5	
Fe-59	30		< 2.2		< 3.2		< 9.0			< 7.3	
Co-58	15		< 1.7		< 1.6		< 3.9			< 5.4	
Co-60	15		< 2.8		< 3.5		< 4.1			< 3.7	
Zn-65	30		< 3.8		< 1.9		< 4.0			< 4.7	
Zr-Nb-95	15		< 3.7		< 3.0		< 3.4			< 3.6	
Cs-134	15		< 2.6		< 3.1		< 3.8			< 3.5	
Cs-137	18		< 4.1		< 3.6		< 5.0			< 5.2	
Ba-La-140	15		< 3.7		< 3.9		< 7.1			< 6.7	

---

C-4, Ground and Surface Water, Analysis for tritium and gamma-emitting isotopes.

Location	Collection Date	Concentration (pCi/L)						
		H-3	Mn-54	Co-58	Co-60	Zn-65	Cs-134	Cs-137
MW-001	10/10/2007	< 180	-	-	-	-	-	-
MW-002	10/24/2007	< 180	-	-	-	-	-	-
MW-003	10/24/2007	< 180	-	-	-	-	-	-
MW-009	10/24/2007	< 180	-	-	-	-	-	-
MW-010	10/24/2007	< 180	-	-	-	-	-	-
MW-501	10/24/2007	< 180	-	-	-	-	-	-
MW-502	10/10/2007	< 180	-	-	-	-	-	-
M-2	10/10/2007	< 180	-	-	-	-	-	-
M-7	10/25/2007	< 180	-	-	-	-	-	-
UHS POND	10/9/2007	< 180	-	-	-	-	-	-
UNIT 2 POND	10/11/2007	< 180	-	-	-	-	-	-
GROUNDWATER SUMP	10/11/2007	< 187	< 2.1	< 2.7	< 1.9	< 3.5	< 2.1	< 2.5
MW-936	10/11/2007	< 176	< 3.1	< 2.1	< 2.2	< 4.3	< 3.6	< 3.3
MW-937A	10/11/2007	< 176	< 2.1	< 2.1	< 2.7	< 3.4	< 2.2	< 2.8
MW-937B	10/9/2007	< 179	< 1.8	< 3.6	< 1.1	< 6.7	< 3.3	< 3.0
MW-937C	10/11/2007	< 176	< 2.9	< 2.2	< 2.1	< 4.3	< 2.3	< 3.9
MW-937D	10/11/2007	< 176	< 1.9	< 3.6	< 1.2	< 4.6	< 2.6	< 2.5
MW-937E	10/11/2007	< 179	< 3.1	< 2.2	< 2.7	< 6.9	< 2.0	< 2.6
MW-937F	10/9/2007	< 176	< 2.5	< 1.6	< 2.6	< 2.4	< 2.3	< 2.6
MW-004	10/23/2007	< 175	< 3.5	< 3.4	< 4.1	< 6.2	< 4.8	< 5.4
MW-005	10/23/2007	< 175	< 6.1	< 4.6	< 4.5	< 10.3	< 4.2	< 5.0
MW-006	10/23/2007	< 175	< 3.4	< 3.3	< 5.2	< 3.7	< 8.0	< 3.5
MW-007	10/24/2007	< 175	< 3.7	< 6.3	< 3.2	< 10.4	< 5.5	< 3.9
MW-008	10/24/2007	< 175	< 3.9	< 3.5	< 3.9	< 6.5	< 8.0	< 3.0
MW-012	10/23/2007	< 175	< 3.1	< 4.9	< 2.6	< 5.0	< 4.7	< 7.1
GW1 1 -SOL-STA 104 + 90, 21 LT	11/8/2007	429 ± 113	-	-	-	-	-	-
GW1 2 -SOL-STA 104 + 20, 46 LT	11/8/2007	367 ± 111	-	-	-	-	-	-
GW1 3 -SOL-STA 103 + 50, 69 LT	11/8/2007	< 172	-	-	-	-	-	-
BG -SOL-STA 101 + 80, 210 RT	11/8/2007	< 172	-	-	-	-	-	-
GWA-SOL-STA 105 + 24, 300 LT	11/9/2007	< 160	-	-	-	-	-	-
GWA-SOL-STA 105 + 24, 300 LT	11/9/2007	< 160	-	-	-	-	-	-
FMW-5	11/8/2007	320 ± 103	-	-	-	-	-	-
MW-015	11/8/2007	< 160	-	-	-	-	-	-
9B INV 1 GW-A/B	11/9/2007	< 172	< 4.9	< 5.7	< 4.3	< 12.0	< 7.4	< 6.3
9B INV 2 GW-A/B	11/9/2007	< 172	< 4.5	< 4.9	< 3.5	< 7.9	< 4.7	< 4.9
9B INV 3 GW-A/B	11/9/2007	< 172	< 5.5	< 6.0	< 5.8	< 5.3	< 6.3	< 4.6
9B INV 4 GW-A/B	11/9/2007	< 172	< 3.3	< 5.2	< 4.1	< 6.8	< 5.4	< 5.7
MW-004	11/19/2007	< 179	< 3.8	< 1.6	< 2.2	< 7.8	< 3.8	< 3.3
MW-005	11/19/2007	< 179	< 3.5	< 2.4	< 1.2	< 2.7	< 3.4	< 3.7
MW-006	11/19/2007	< 179	< 3.6	< 2.7	< 1.3	< 4.0	< 3.2	< 3.9
MW-007	11/19/2007	< 179	< 2.5	< 5.5	< 4.4	< 6.9	< 3.8	< 4.3
MW-008	11/19/2007	< 179	< 4.3	< 2.7	< 2.2	< 6.2	< 3.8	< 3.5
MW-012	11/19/2007	< 179	< 2.0	< 1.9	< 2.0	< 2.6	< 2.4	< 3.6
MW-502	11/19/2007	< 182	-	-	-	-	-	-
MW-501	11/20/2007	< 182	-	-	-	-	-	-
105 + 00, 400 LT	12/3/2007	< 188	-	-	-	-	-	-

C-6, Soil, Analyses for tritium and gamma-emitting isotopes.

Location	Collection Date	H-3 (pCi/L)	Concentration (pCi/kg dry)				
			Co-58	Co-60	Cs-134	Cs-137	
STA 72+82 70' LT (MH-2)	D-3 10-15'	2/7/2007	< 162	< 16.9	< 13.5	< 12.7	< 6.7
STA 72+82 70' LT (MH-2)	D-4 15-20'	2/7/2007	< 162	< 23.2	< 25.8	< 42.3	< 28.1
STA 72+82 70' LT (MH-2)	D-5 20-25'	2/7/2007	238 ± 91	< 13.7	< 17.8	< 12.4	< 8.1
STA 72+80 25' LT (MH-2)	E-1 0-5'	2/7/2007	< 181	< 16.2	< 13.3	< 16.8	< 21.2
STA 72+80 30' LT (MH-2)	F-1 0-5'	2/7/2007	< 162	< 27.2	< 24.5	< 36.5	< 33.4
STA 72+80 30' LT (MH-2)	F-2 5-10'	2/7/2007	< 165	< 7.1	< 11.7	< 12.4	< 15.0
STA 72+80 30' LT (MH-2)	F-3 10-15'	2/7/2007	< 165	< 30.5	< 22.1	< 41.1	< 20.3
STA 72+80 30' LT (MH-2)	F-4 15-20'	2/7/2007	< 162	< 15.6	< 16.6	< 13.6	< 17.4
STA 72+80 30' LT (MH-2)	F-5 20-25'	2/7/2007	< 181	< 18.2	< 16.0	< 28.8	< 19.9
STA 73+57 57' RT (MH-2)	G-1 0-5'	2/7/2007	497 ± 108	< 16.2	< 15.2	< 14.6	< 16.2
STA 73+57 57' RT (MH-2)	G-2 5-10'	2/7/2007	< 167	< 17.0	< 12.1	< 12.4	< 11.3
STA 73+57 57' RT (MH-2)	G-3 10-15'	2/7/2007	< 167	< 12.9	< 8.8	< 13.5	< 21.0
STA 73+57 57' RT (MH-2)	G-4 15-20'	2/7/2007	< 168	< 14.8	< 10.2	< 12.6	< 13.0
STA 73+57 57' RT (MH-2)	G-5 20-25'	2/7/2007	229 ± 97	< 15.2	< 10.8	< 13.9	< 13.7
STA 75+82 26' RT (MH-3A)	H-1 0-5'	2/8/2007	< 181	< 11.5	< 11.2	< 12.0	86.4 ± 36.1
STA 75+82 26' RT (MH-3A)	H-2 5-10'	2/8/2007	< 167	< 28.0	< 12.2	< 37.3	< 24.7
STA 75+82 26' RT (MH-3A)	H-3 10-15'	2/8/2007	< 181	< 23.5	< 25.2	< 31.7	< 19.8
STA 75+93 37' LT (MH-3A)	I-1 0-5'	2/8/2007	< 167	< 17.2	< 14.3	< 30.8	< 19.7
STA 75+93 37' LT (MH-3A)	I-2 5-10'	2/8/2007	< 181	< 15.5	< 6.1	< 12.3	< 14.9
STA 75+93 37' LT (MH-3A)	I-3 10-15'	2/8/2007	< 168	< 18.3	< 14.0	< 16.5	< 17.2
STA 75+93 37' LT (MH-3A)	I-4 15-20'	2/8/2007	< 169	< 14.9	< 4.1	< 12.8	< 11.9
STA 75+93 37' LT (MH-3A)	I-5 20-25'	2/8/2007	< 181	< 14.0	< 7.2	< 11.9	< 8.6
STA 83+37 52' RT (MH-3B TO MH-4 EAST)	J-1 0-5'	2/8/2007	< 167	< 15.6	< 12.6	< 11.5	< 16.8
STA 83+37 52' RT (MH-3B TO MH-4 EAST)	J-2 5-10'	2/8/2007	< 167	< 17.4	< 10.0	< 12.8	< 12.7
STA 83+37 52' RT (MH-3B TO MH-4 EAST)	J-3 10-15'	2/8/2007	< 167	< 13.9	< 12.6	< 12.8	< 17.8
STA 83+37 52' RT (MH-3B TO MH-4 EAST)	J-4 15-20'	2/8/2007	< 167	< 12.5	< 14.0	< 16.9	< 8.5
STA 83+37 52' RT (MH-3B TO MH-4 EAST)	J-5 20-25'	2/8/2007	< 167	< 13.6	< 14.8	< 14.8	< 16.8
STA 95+09 63' RT (MH-3B TO MH-4 WEST)	K-1 0-5'	2/8/2007	< 167	< 18.8	< 6.5	< 12.6	< 22.4
STA 95+09 63' RT (MH-3B TO MH-4 WEST)	K-2 5-10'	2/8/2007	< 167	< 16.5	< 5.1	< 11.1	< 10.6
STA 95+09 63' RT (MH-3B TO MH-4 WEST)	K-3 10-15'	2/8/2007	< 167	< 13.3	< 10.7	< 13.0	< 13.5
STA 95+09 63' RT (MH-3B TO MH-4 WEST)	K-4 15-20'	2/8/2007	< 167	< 20.3	< 19.0	< 36.5	< 22.6
STA 95+09 63' RT (MH-3B TO MH-4 WEST)	K-5 20-25'	2/8/2007	< 169	< 13.4	< 12.4	< 10.6	< 8.4
STA 104+30 100' LT (MH-5)	L-1 0-5'	2/8/2007	< 169	< 13.8	< 6.3	< 14.2	< 19.9
STA 104+30 100' LT (MH-5)	L-2 5-10'	2/8/2007	< 169	< 17.5	< 7.8	< 12.8	< 17.9
STA 104+30 100' LT (MH-5)	L-3 10-15'	2/8/2007	< 169	< 15.4	< 19.0	< 12.8	< 10.8
STA 104+30 100' LT (MH-5)	L-4 15-20'	2/8/2007	< 169	< 15.7	< 9.5	< 13.1	< 15.1

**ATTACHMENT 2**  
**CLEAN COPY PAGES**  
**(Page C-12, C-22, and C-26)**



CALLAWAY

**C-2. Drinking well water, Quarterly collections, analyses for gross beta, tritium, iodine-131 and gamma-emitting isotopes.**

Units: pCi/L

---

Location		-WWA-PW-001							
Quarter		1st Qtr.		2nd Qtr.		3rd Qtr.		4th Qtr.	
Lab Code	Req. LLD	CAWW-	72	CAWW-	1903	CAWW-	4168	CAWW-	6797
Gross Beta	4								
H-3	2000		< 151		< 167		< 143		< 174
I-131	1								
Mn-54	15		< 2.0		< 2.9		< 2.9		< 3.5
Fe-59	30		< 2.2		< 3.2		< 9.0		< 7.3
Co-58	15		< 1.7		< 1.6		< 3.9		< 5.4
Co-60	15		< 2.8		< 3.5		< 4.1		< 3.7
Zn-65	30		< 3.8		< 1.9		< 4.0		< 4.7
Zr-Nb-95	15		< 3.7		< 3.0		< 3.4		< 3.6
Cs-134	15		< 2.6		< 3.1		< 3.8		< 3.5
Cs-137	18		< 4.1		< 3.6		< 5.0		< 5.2
Ba-La-140	15		< 3.7		< 3.9		< 7.1		< 6.7

---

C-4, Ground and Surface Water, Analysis for tritium and gamma-emitting isotopes.

Location	Collection Date	Concentration (pCi/L)						
		H-3	Mn-54	Co-58	Co-60	Zn-65	Cs-134	Cs-137
MW-001	10/10/2007	< 180	-	-	-	-	-	-
MW-002	10/24/2007	< 180	-	-	-	-	-	-
MW-003	10/24/2007	< 180	-	-	-	-	-	-
MW-009	10/24/2007	< 180	-	-	-	-	-	-
MW-010	10/24/2007	< 180	-	-	-	-	-	-
MW-501	10/24/2007	< 180	-	-	-	-	-	-
MW-502	10/10/2007	< 180	-	-	-	-	-	-
M-2	10/10/2007	< 180	-	-	-	-	-	-
M-7	10/25/2007	< 180	-	-	-	-	-	-
UHS POND	10/9/2007	< 180	-	-	-	-	-	-
UNIT 2 POND	10/11/2007	< 180	-	-	-	-	-	-
GROUNDWATER SUMP	10/11/2007	< 187	< 2.1	< 2.7	< 1.9	< 3.5	< 2.1	< 2.5
MW-936	10/11/2007	< 176	< 3.1	< 2.1	< 2.2	< 4.3	< 3.6	< 3.3
MW-937A	10/11/2007	< 176	< 2.1	< 2.1	< 2.7	< 3.4	< 2.2	< 2.8
MW-937B	10/9/2007	< 179	< 1.8	< 3.6	< 1.1	< 6.7	< 3.3	< 3.0
MW-937C	10/11/2007	< 176	< 2.9	< 2.2	< 2.1	< 4.3	< 2.3	< 3.9
MW-937D	10/11/2007	< 176	< 1.9	< 3.6	< 1.2	< 4.6	< 2.6	< 2.5
MW-937E	10/11/2007	< 179	< 3.1	< 2.2	< 2.7	< 6.9	< 2.0	< 2.6
MW-937F	10/9/2007	< 176	< 2.5	< 1.6	< 2.6	< 2.4	< 2.3	< 2.6
MW-004	10/23/2007	< 175	< 3.5	< 3.4	< 4.1	< 6.2	< 4.8	< 5.4
MW-005	10/23/2007	< 175	< 6.1	< 4.6	< 4.5	< 10.3	< 4.2	< 5.0
MW-006	10/23/2007	< 175	< 3.4	< 3.3	< 5.2	< 3.7	< 8.0	< 3.5
MW-007	10/24/2007	< 175	< 3.7	< 6.3	< 3.2	< 10.4	< 5.5	< 3.9
MW-008	10/24/2007	< 175	< 3.9	< 3.5	< 3.9	< 6.5	< 8.0	< 3.0
MW-012	10/23/2007	< 175	< 3.1	< 4.9	< 2.6	< 5.0	< 4.7	< 7.1
GW1 1 -SOL-STA 104 + 90, 21 LT	11/8/2007	429 ± 113	-	-	-	-	-	-
GW1 2 -SOL-STA 104 + 20, 46 LT	11/8/2007	367 ± 111	-	-	-	-	-	-
GW1 3 -SOL-STA 103 + 50, 69 LT	11/8/2007	< 172	-	-	-	-	-	-
BG -SOL-STA 101 + 80, 210 RT	11/8/2007	< 172	-	-	-	-	-	-
GWA-SOL-STA 105 + 24, 300 LT	11/9/2007	< 160	-	-	-	-	-	-
GWA-SOL-STA 105 + 24, 300 LT	11/9/2007	< 160	-	-	-	-	-	-
FMW-5	11/8/2007	320 ± 103	-	-	-	-	-	-
MW-015	11/8/2007	< 160	-	-	-	-	-	-
9B INV 1 GW-A/B	11/9/2007	< 172	< 4.9	< 5.7	< 4.3	< 12.0	< 7.4	< 6.3
9B INV 2 GW-A/B	11/9/2007	< 172	< 4.5	< 4.9	< 3.5	< 7.9	< 4.7	< 4.9
9B INV 3 GW-A/B	11/9/2007	< 172	< 5.5	< 6.0	< 5.8	< 5.3	< 6.3	< 4.6
9B INV 4 GW-A/B	11/9/2007	< 172	< 3.3	< 5.2	< 4.1	< 6.8	< 5.4	< 5.7
MW-004	11/19/2007	< 179	< 3.8	< 1.6	< 2.2	< 7.8	< 3.8	< 3.3
MW-005	11/19/2007	< 179	< 3.5	< 2.4	< 1.2	< 2.7	< 3.4	< 3.7
MW-006	11/19/2007	< 179	< 3.6	< 2.7	< 1.3	< 4.0	< 3.2	< 3.9
MW-007	11/19/2007	< 179	< 2.5	< 5.5	< 4.4	< 6.9	< 3.8	< 4.3
MW-008	11/19/2007	< 179	< 4.3	< 2.7	< 2.2	< 6.2	< 3.8	< 3.5
MW-012	11/19/2007	< 179	< 2.0	< 1.9	< 2.0	< 2.6	< 2.4	< 3.6
MW-502	11/19/2007	< 182	-	-	-	-	-	-
MW-501	11/20/2007	< 182	-	-	-	-	-	-
105 + 00, 400 LT	12/3/2007	< 188	-	-	-	-	-	-

C-6. Soil, Analyses for tritium and gamma-emitting isotopes.

Location	Collection Date	H-3 (pCi/L)	Concentration (pCi/kg dry)				
			Co-58	Co-60	Cs-134	Cs-137	
STA 72+82 70' LT (MH-2)	D-3 10-15'	2/7/2007	< 162	< 16.9	< 13.5	< 12.7	< 6.7
STA 72+82 70' LT (MH-2)	D-4 15-20'	2/7/2007	< 162	< 23.2	< 25.8	< 42.3	< 28.1
STA 72+82 70' LT (MH-2)	D-5 20-25'	2/7/2007	238 ± 91	< 13.7	< 17.8	< 12.4	< 8.1
STA 72+80 25' LT (MH-2)	E-1 0-5'	2/7/2007	< 181	< 16.2	< 13.3	< 16.8	< 21.2
STA 72+80 30' LT (MH-2)	F-1 0-5'	2/7/2007	< 162	< 27.2	< 24.5	< 36.5	< 33.4
STA 72+80 30' LT (MH-2)	F-2 5-10'	2/7/2007	< 165	< 7.1	< 11.7	< 12.4	< 15.0
STA 72+80 30' LT (MH-2)	F-3 10-15'	2/7/2007	< 165	< 30.5	< 22.1	< 41.1	< 20.3
STA 72+80 30' LT (MH-2)	F-4 15-20'	2/7/2007	< 162	< 15.6	< 16.6	< 13.6	< 17.4
STA 72+80 30' LT (MH-2)	F-5 20-25'	2/7/2007	< 181	< 18.2	< 16.0	< 28.8	< 19.9
STA 73+57 57' RT (MH-2)	G-1 0-5'	2/7/2007	497 ± 108	< 16.2	< 15.2	< 14.6	< 16.2
STA 73+57 57' RT (MH-2)	G-2 5-10'	2/7/2007	< 167	< 17.0	< 12.1	< 12.4	< 11.3
STA 73+57 57' RT (MH-2)	G-3 10-15'	2/7/2007	< 167	< 12.9	< 8.8	< 13.5	< 21.0
STA 73+57 57' RT (MH-2)	G-4 15-20'	2/7/2007	< 168	< 14.8	< 10.2	< 12.6	< 13.0
STA 73+57 57' RT (MH-2)	G-5 20-25'	2/7/2007	229 ± 97	< 15.2	< 10.8	< 13.9	< 13.7
STA 75+82 26' RT (MH-3A)	H-1 0-5'	2/8/2007	< 181	< 11.5	< 11.2	< 12.0	86.4 ± 36.1
STA 75+82 26' RT (MH-3A)	H-2 5-10'	2/8/2007	< 167	< 28.0	< 12.2	< 37.3	< 24.7
STA 75+82 26' RT (MH-3A)	H-3 10-15'	2/8/2007	< 181	< 23.5	< 25.2	< 31.7	< 19.8
STA 75+93 37' LT (MH-3A)	I-1 0-5'	2/8/2007	< 167	< 17.2	< 14.3	< 30.8	< 19.7
STA 75+93 37' LT (MH-3A)	I-2 5-10'	2/8/2007	< 181	< 15.5	< 6.1	< 12.3	< 14.9
STA 75+93 37' LT (MH-3A)	I-3 10-15'	2/8/2007	< 168	< 18.3	< 14.0	< 16.5	< 17.2
STA 75+93 37' LT (MH-3A)	I-4 15-20'	2/8/2007	< 169	< 14.9	< 4.1	< 12.8	< 11.9
STA 75+93 37' LT (MH-3A)	I-5 20-25'	2/8/2007	< 181	< 14.0	< 7.2	< 11.9	< 8.6
STA 83+37 52' RT (MH-3B TO MH-4 EAST)	J-1 0-5'	2/8/2007	< 167	< 15.6	< 12.6	< 11.5	< 16.8
STA 83+37 52' RT (MH-3B TO MH-4 EAST)	J-2 5-10'	2/8/2007	< 167	< 17.4	< 10.0	< 12.8	< 12.7
STA 83+37 52' RT (MH-3B TO MH-4 EAST)	J-3 10-15'	2/8/2007	< 167	< 13.9	< 12.6	< 12.8	< 17.8
STA 83+37 52' RT (MH-3B TO MH-4 EAST)	J-4 15-20'	2/8/2007	< 167	< 12.5	< 14.0	< 16.9	< 8.5
STA 83+37 52' RT (MH-3B TO MH-4 EAST)	J-5 20-25'	2/8/2007	< 167	< 13.6	< 14.8	< 14.8	< 16.8
STA 95+09 63' RT (MH-3B TO MH-4 WEST)	K-1 0-5'	2/8/2007	< 167	< 18.8	< 6.5	< 12.6	< 22.4
STA 95+09 63' RT (MH-3B TO MH-4 WEST)	K-2 5-10'	2/8/2007	< 167	< 16.5	< 5.1	< 11.1	< 10.6
STA 95+09 63' RT (MH-3B TO MH-4 WEST)	K-3 10-15'	2/8/2007	< 167	< 13.3	< 10.7	< 13.0	< 13.5
STA 95+09 63' RT (MH-3B TO MH-4 WEST)	K-4 15-20'	2/8/2007	< 167	< 20.3	< 19.0	< 36.5	< 22.6
STA 95+09 63' RT (MH-3B TO MH-4 WEST)	K-5 20-25'	2/8/2007	< 169	< 13.4	< 12.4	< 10.6	< 8.4
STA 104+30 100' LT (MH-5)	L-1 0-5'	2/8/2007	< 169	< 13.8	< 6.3	< 14.2	< 19.9
STA 104+30 100' LT (MH-5)	L-2 5-10'	2/8/2007	< 169	< 17.5	< 7.8	< 12.8	< 17.9
STA 104+30 100' LT (MH-5)	L-3 10-15'	2/8/2007	< 169	< 15.4	< 19.0	< 12.8	< 10.8
STA 104+30 100' LT (MH-5)	L-4 15-20'	2/8/2007	< 169	< 15.7	< 9.5	< 13.1	< 15.1