

APPENDIX C

FIELD NOTES AND FIELD DATA RECORDS

24 MGR Site
6980081744
S. Kelly

8/24/10
1/2

950 - Susan Kelly (SEK) w/ MTRAC arrives @ site & opens manholes @ front bldg & back bldg by load. & dock

1005 AFT arrives @ site (4 crew)

- Mike Mrazovich
- Ting Watkins
- Drake Mrazovich
- Adam Knight

- conduct tailgate safety mtg (review HASS)

1020 -> site recon discuss
Scope of work

- video/camera manhole #1 (Southwest addition)
-> sketch on separate grid paper

1155 - move to Manhole #2 (south of boiler room)

MGR Site
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S. Kelly

8/24/10
2/2

1220 - camera out of power; charge battery

1230 - AFT & SEK to lunch
1245

1345 - AFT's SEK return from lunch

- setup & continue camera; locate @ MHT #2, then #3

1515 - setup on MHT #4

1615 - obstruction N of MHT #4 @ 1110' will locate remainder of line to MTRAC

1630 - AFT locate load equipment

1715 - AFT leaves site for day
3 SEK

S. Kelly
8/24/10

28 MGR Site
668 0091744
Site

8/30/10
1/2

925 - SEK arrive @ site - clear vegetation & layout borings

1005 - drill crew arrives (AE Drilling)
- John Gorman
- Marcello Gonzalez

1015 - Kirk Weir (MATEC) arrives

→ conduct site Headm's safety briefing; discuss scope of work

- SEK's wkly layout borings
- drillers unload Geoprobe & set up decan pad

1115 - mob Geoprobe to interior drilling locations to verify clearance; modify boring locations to accommodate Geoprobe mast
- Marcello clearing brush &

MGR Site
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Site

8/30/10
2/2

debris @ area south of bldg
- Wkw begins coring concrete as necessary for nine borings

1215 - SEK & drillers to lunch

1300 - SEK return from lunch - calibrate PID

1310 - drillers return from lunch - set up to drill SS-121

1530 - drillers decan; resume drilling

1715 - Wkw finished coring, leaves site

- complete SS-119; drillers back fill borings completed today

1750 - yellow jacket nest (P) boring closest to mills gap; clear vegetation; spray nest w/ Borebait

1810 - SEK & drillers leave site - 8/30/10

28 MGR site
6086081744
Sikelly

8/31/10
1/2

- 730 - SEK & drill crew arrive @ site
 - conduct tailgate safety mtg.
- 745 - drillers collect drill rods in carrier & decon
 - SEK calibrate PID
 - helper is clearing "south area"

→ water level in MW-2 = 12.49ft btec
" 12.6ft bgs

905 - set up to drill SS-116

1030 - collect material blank from drillers water (from AE shop in Greenville) AE water is from water supply well MB01 @ 1030

1115 - drillers decon

- 1215 - SEK & drillers @ site for lunch
- 1250 - SEK return from lunch
- 1305 - drillers return from lunch & set up @ SS-127

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Sikelly

8/31/10 29
2/2

1430 WKN arrives, lays out borings @ south area

1515 - complete SS-129, drillers decon
- SEK & WKN layout borings

1630 - collect equipment blank #B.01

1645 - mob rig to south area

1730 - complete SS-169

1745 - drillers & WKN leave site
- SEK to store to purchase ice, unload equip, pack coolers

1815 - SEK leave site

~~S. Sikelly~~
8/31/10

30 MGR site
0080081744
Stelby

9/1/10
1/2

745 SEK & WKW arrive @ site

- load coolers & equipment
- begin filling out labels & chain-of-custody

- SEK calibrate PID

815 - drillers arrive, begin clearing

835 - SEK to store & purchase wasp spray, spray nests @ boring location SS-130
went

915 - SEK return, setup to drill

935 - drilling SS102

1030 - drillers decon, stop/drill SS101

1000 - drillers to lunch

- SEK & WKW complete locs & pack coolers for carrier pick up

1300 - SEK & WKW to lunch

MGR site
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Stelby

9/1/10
2/2

1315 SEK & WKW return from lunch

- transfer 5 coolers of samples to Pace analytical
- custodian for delivery to lab.

1345 resume drilling

- > PID operating inconsistently
- are calibrate
- clean PID sensor & lamp;

1700 - drillers decon

1715 - collect equipment blank

1750 - complete SS-111

- drillers backfill borings

1815 - SEK & WKW pack coolers

for overnight

- > drillers leave site

1830 SEK & WKW leave site

Stelby
09/1/10

32 MGR site
081744
Sikelly

9/2/10
1/3

- 730 - SEK, WKN & drillers arrive @ site
- conduct tail gate safety mtg.
 - load coolers & equipment
mob to south area

800 - setup & begin drilling @ SS-107

9-930 drillers decon

- 11:15 - drillers decon
- SEK & WKN handover/sample SS-114 @ WWS
 - quartz vein/hard layer @ 8.5 ft
 - Will offset for second attempt to 10ft

1300 - SEK & WKN to lunch & purchase ice

1330 - SEK & WKN offset, SS-114, 3
Sample @ 9-10ft
N7ft west

MGR site
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Sikelly

9/2/10 33
2/3

1400 - SEK & WKN to Southside Village to collect soil samples @ Amr. contingency basin (SS)

- drillers backfill borings & spraying hornet/wasp nests @ SS-130
- Mr. opens gate for our entry

1500 SEK & WKN return to site, fill out COCs

1545 SEK meets Pace Analytical courier; transfer 3 coolers to Pace

1600 resume drilling SS-102 & SS-103

1700 mob to SS-130 near hornet/wasp nests

1730 - complete SS-130

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Stelly

9/2/10
3/3

1730 - drillers decon, cleanup, backfill borings

- SEK & WKW prep coolers for overnight
→ SEK talks to Pace PM - 2 coolers were not picked up from site at today's carrier pick-up; WKW will deliver the coolers at lab tomorrow morning

1830 - SEK & WKW leave site - drillers to leave site in ~30 min.

~~Stelly
9/2/10~~

MGR Site
0086081744
K. Weir

9/3/10
1/2
35

1015 K.W., RC & SEK arrive onsite
↳ Tailgate Safety Meeting
→ load Equipment & Cal PID
↳ calibrate

1045 Begin Auger at Boring #115
↳ Drilled up to ~2.5 in. & encountered. Augering attempted at 5 offset locations. Greatest depth achieved = 3.5 ft bgs
* No sample obtained

1200 Setup at 134
↳ Auger refusal @ ~1.5 ft bgs
→ offset ~12 ft. North

1215 Sample SS-134 @ 5 ft bgs
↳ background (metals & Cr6+)

1245 Setup at 133
↳ Auger refusal to ~4.5 ft bgs
→ Probable residual w/ Sweet scent (PID 0.0)
→ offset South Higher on slope

9/7/10
1/2

NAR Site
666081744
K. Weir

- 1045 RC & KW arrive onsite
↳ Tailgate Safety mtg
→ Prep/Decon Equip & Cal PID
calibrate
- 1115 Setup at S115 offsets, slope south of WWTP
↳ Again multiple Auger Refusals approx. @ 4.5 ft greatest depth achieved.
- 1215 Core slab along S115H inside WWTP. Proceed with Hand Auger boring.
- 1245 Sample SS-115A @ 30 ft bgs Auger Refusal @ 25.0 ft bgs
↳ FD-42 (Cn)
- 1300 Break for lunch
- 1330 Return from lunch setup @ S123 offset (~10ft upstream) south

9/3/10
2/2

36
NAR Site
666081744
K. Weir

- 1330 Sample SS-133 @ 1.0 ft bgs
↳ background (metals & Cr6+)
 - 1345 Break for lunch (RC & KW)
 - 1415 Setup @ ~~S123~~-124
↳ Call M. Duke (MACTEC) to bring generator to power lights.
 - 1500 Sample SS-124 @ ~9.5 ft bgs
↳ ms/asd: wcf/swc/metal/cr6+/ca
 - 1515 Setup @ S123
 - 1705 Collect FB-02 inside BGS
 - 1715 Rock encountered @ ~1.0', 3.5' & 6.5-7.0' bgs. Auger refusal at 7.0' bgs.
↳ Collect Equipment & load for transport to MACTEC office
→ Prep samples & COC for lab delivery
 - 1700 Equip Blank FB-03 off Decon Auger
lab supplied DI H₂O
 - 1800 KW, RC & MD leave site. 9/24
- 3m. 7/10 - 9/3/10

- 1350 Core slab at 123 offset
↳ Proceed with Hand auger boring.
- 1615 Sample SS-123 (PID 0.0)
↳ Sampled at 9.5 ft bgs due
↳ Auger refusal at 9.5 ft.
- 1630 Break down & Prep Equip for transport.
↳ Prep. Samples & COC for lab delivery.
- 1700 KW & RC leave site

[Signature] 9/7/10

Note: unable to deliver samples to lab. will deliver on 9/8/10
WRK 9/7/10

- 1100 KW & RC arrive onsite
↳ Tailgate Safety meeting
↳ Cal PID & Setup @ 5:135
- 1115 Begin coring slab at Loc 5:135
↳ Off set of 115. Located
21 ft west of Loc 113 (Parallel w/ Bldg.)
↳ Proceed w/ Hand Auger
- 1315 Sample SS-135 B at 10.0 ft bgs (PID 3.6 ppm)
- 1320 Begin break down of Equip for transport. Prep Samples & COC for lab delivery.
- 1410 RC & KW leave site for sample delivery to lab.

[Signature] 9/8/10

40 MCR Site
688608.1744
R. Clark

9/9/10
1/2

0900 obtain 1cc
0915 R. Clark arrives onsite
- Calibrate YSI and Turbidity Meter

Measure DTW in monitoring wells
MW-3A = 16.52' btoe
MW-3 = 20.02' btoe

1000 Begin purging MW-3A
via peristaltic pump (see field data record)
1035 Sample MW-3A for VOCs & 1,4-Dioxane
Containerize purge water in "Decon Water 10W" drum

1130 Begin purging MW-3
via peristaltic pump (see field data record)

1210 Sample MW-3 for VOCs (8880) # 1,4-Dioxane
Containerize purge water in Decon Water drum

1330 Deliver cooler of 1,4-Dioxane samples to Fed-Ex for shipment to Columbia Analytical Serv.

MCR Site
688608.1744
R. Clark

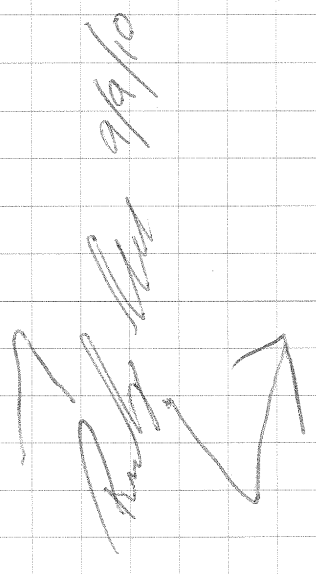
9/9/10

1/2

1400 At office to unload supplies
1435 Deliver cooler of VOC (8250)
GW samples to Face Analytical
1450 - Purchase Hole Plug Pump
(3/8" bentonite chips) from Preferred

1510 At site to backfill hand auger borings w/ bentonite chips. Backfill SS-123, SS-123 offset, SS-124, SS-133, 5 borings at SS-115, SS-134, SS-115A, SS-135B (utilized 4 bags of bentonite chips)

1430 Load trash left from geoprobe operations and leave site



Sample Log
Mills Gap Road Site - Phase IIA RI
MACTEC Project 6686-08-1744.06

Sample ID	Location	Date	Time	Depth (ft bgs)	VOCs	SVOCs	Metals	Cr 6+	Cyanide	QC Sample
					8260	8270	6010+	7196	9014	
SS-101A ✓	south area	9/1/10	1125	2.0	X	X	X	X	X	ms/msd SVOC
SS-101B ✓	south area	9/1/10	1130	6.0	X	X	X	X	X	ms/msd metals
SS-101C ✓	south area	9/1/10	1135	12.0	X	X	X	X	X	ms/msd Cr6+
SS-101D ✓	south area	9/1/10	1145	18.0	X	X	X	X	X	ms/msd Cr
SS-101E ✗	south area	9/1/10	1130	no sample obtained	X	X	X	X	X	
SS-102A ✓	south area	9/2/10	1600	4.5	X	X	X	X	X	FD-34 metals
SS-102B ✓	south area	9/2/10	1610	9.5	X	X	X	X	X	FD-35 Cr6+
SS-102C ✓	south area	9/2/10	1615	14.0	X	X	X	X	X	FD-36 Cr
SS-102D ✓	south area	9/2/10	1625	18.0	X	X	X	X	X	FD-37 SVOC
SS-102E	south area	Wkw			X	X	X	X	X	
SS-103A ✓	south area	9/2/10	1640	2.5	X	X	X	X	X	FD-38 VOC
SS-103B ✓	south area	9/2/10	1645	9.5	X	X	X	X	X	FD-39 Cr6+ metals
SS-103C ✓	south area	9/2/10	1650	14.5	X	X	X	X	X	FD-40 Cr
SS-103D ✓	south area	9/2/10	1700	16.5	X	X	X	X	X	
SS-103E	south area	Wkw			X	X	X	X	X	
SS-104A ✓	south area	9/1/10	0950	4.5	X	X	X	X	X	FD-12 VOCs
SS-104B ✓	south area	9/1/10	1000	9.5	X	X	X	X	X	FD-13 met...
SS-104C ✓	south area	9/1/10	1005	14.0	X	X	X	X	X	FD-14 Cr6+
SS-104D ✓	south area	9/1/10	1015	19.0	X	X	X	X	X	FD-15 Cr
SS-104E ✓	south area	9/1/10	1020	24.5	X	X	X	X	X	ms/msd VOC
SS-105A ✓	south area	9/1/10	1535	4.5	X	X	X	X	X	FD-20 VOC
SS-105B ✓	south area	9/1/10	1545	9.5	X	X	X	X	X	
SS-105C ✓	south area	9/1/10	1555	14.5	X	X	X	X	X	
SS-105D ✓	south area	9/1/10	1600	19.5	X	X	X	X	X	
SS-105E ✓	south area	9/1/10	1605	24.5	X	X	X	X	X	
SS-106A ✓	south area	9/1/10	1405	1.5	X	X	X	X	X	FD-16 SVOC
SS-106B ✓	south area	9/1/10	1415	9.5	X	X	X	X	X	FD-17 metals
SS-106C ✓	south area	9/1/10	1425	14.5	X	X	X	X	X	FD-18 Cr6+
SS-106D ✓	south area	9/1/10	1435	19.5	X	X	X	X	X	FD-19 Cr
SS-106E ✓	south area	9/1/10	1445	24.5	X	X	X	X	X	
SS-107A ✓	south area	9/2/10	0820	4.5	X	X	X	X	X	ms/msd metals
SS-107B ✓	south area	9/2/10	0830	9.5	X	X	X	X	X	ms/msd Cr6+
SS-107C ✓	south area	9/2/10	0840	14.5	X	X	X	X	X	ms/msd VOC
SS-107D ✓	south area	9/2/10	0850	19.5	X	X	X	X	X	ms/msd Cr
SS-107E ✓	south area	9/2/10	0900	24.5	X	X	X	X	X	ms/msd SVOC

Sample Log
Mills Gap Road Site - Phase IIA RI
MACTEC Project 6686-08-1744.06

Sample ID	Location	Date	Time	Depth (ft bgs)	VOCs	SVOCs	Metals	Cr 6+	Cyanide	QC Sample
					8260	8270	6010+	7196	9014	
SS-108A	south area	9.2.10	1035	4.5	X	X	X	X	X	ms/msd VOCs
SS-108B	south area	9.2.10	1045	9.5	X	X	X	X	X	ms/msd Cr
SS-108C	south area	9.2.10	1050	14.5	X	X	X	X	X	ms/msd Cr6+
SS-108D	south area	9/2/10	1055	19.5	X	X	X	X	X	ms/msd metals
SS-108E	south area	9/2/10	1100	24.5	X	X	X	X	X	ms/msd SVOC
SS-109A	south area	8.31.10	1700	2.0	X	X	X	X	X	FD-08 SVOC
SS-109B	south area	8.31.10	1705	9.5	X	X	X	X	X	FD-09 Cr
SS-109C	south area	8.31.10	1715	13.0	X	X	X	X	X	FD-10 SVOC
SS-109D	south area	8.31.10	1725	17.0	X	X	X	X	X	FD-11 Cr6+
SS-109E	south area	8.31.10	1730	22.0	X	X	X	X	X	
SS-110A	south area	9/1/10	1610	4.5	X	X	X	X	X	FD-21 SVOC
SS-110B	south area	9/1/10	1615	9.5	X	X	X	X	X	FD-22 metal
SS-110C	south area	9/1/10	1620	14.5	X	X	X	X	X	FD-23 VOC
SS-110D	south area	9/1/10	1625	19.5	X	X	X	X	X	FD-24 Cr6+
SS-110E	south area	9/1/10	1630	24.5	X	X	X	X	X	FD-25 Cr
SS-111A	south area	9/1/10	1730	3.0	X	X	X	X	X	FD-26 SVOC
SS-111B	south area	9/1/10	1735	9.5	X	X	X	X	X	ms/msd SVOC
SS-111C	south area	9/1/10	1745	14.5	X	X	X	X	X	ms/msd metal
SS-111D	south area	9/1/10	1750	19.5	X	X	X	X	X	ms/msd VOC & Cr6+
SS-111E	south area	9/1/10	1800	24.5	X	X	X	X	X	ms/msd Cr
SS-112A	south area	9/2/10	0930	4.0	X	X	X	X	X	FD-27 VOC
SS-112B	south area	9/2/10	0940	9.5	X	X	X	X	X	FD-28 metal
SS-112C	south area	9/2/10	0945	14.5	X	X	X	X	X	FD-29 Cr6+
SS-112D	south area	9/2/10	0955	19.5	X	X	X	X	X	FD-30 Cr
SS-112E	south area	9/2/10	1000	24.5	X	X	X	X	X	FD-31 SVOC
SS-113A	wwpt	8/30/10	1435	2.0	X	X	X	X	X	
SS-113B	wwpt	8/30/10	1440	8.0	X	X	X	X	X	FD-01 Cr
SS-114A	wwpt	9.2.10	1200	5.0	X	X	X	X	X	
SS-114B	wwpt	9.2.10	1345	9.5	X	X	X	X	X	
SS-115A	wwpt	9.7.10	1246	303.5	X	X	X	X	X	FD-42 Cr
SS-115B	wwpt				X	X	X	X	X	
SS-116A	wwpt	8/31/10	915	4.5	X	X	X	X	X	ms/msd met.
SS-116B	wwpt	8/31/10	925	7.5	X	X	X	X	X	

no sample - ^{hand} awger refusal

Sample Log
Mills Gap Road Site - Phase IIA RI
MACTEC Project 6686-08-1744.06

Sample ID	Location	Date	Time	Depth (ft bgs)	VOCs	SVOCs	Metals	Cr 6+	Cyanide	QC Sample
					8260	8270	6010+	7196	9014	
SS-117 ✓	sewer	8/30/10	1435 1515	4.5	x	x	x	x	x	FD-03 SVOC
SS-118 ✓	sewer	8/30/10	1515	5.0	x	x	x	x	x	FD-02 Metals
SS-119 ✓	sewer	8/30/10	1715	6.0	x	x	x	x	x	FD-05 Cr 6+
SS-120 ✓	sewer	8/30/10	1645	5.5	x	x	x	x	x	FD-04 VOC
SS-121 ✓	sewer	8/30/10	1345	8.0	x	x	x	x	x	
SS-122 ✓	sewer	8/30/10	1010	7.5	x	x	x	x	x	MS/MSD SVOC
SS-123	sewer	9/7/10	1615	9.5	x	x	x	x	x	
SS-124	sewer	9/3/10	1500	9.5	x	x	x	x	x	MS/MSD (Cr 6)
SS-125 ✓	sewer	8/30/10	1100	9.5	x	x	x	x	x	MS/MSD Cr 6
SS-126 ✓	sewer	8/31/10	1145	11.5	x	x	x	x	x	MS/MSD VOC
SS-127 ✓	sewer	8/31/10	1345	10.5	x	x	x	x	x	MS/MSD Cr 6
SS-128 ✓	sewer	8/31/10	1420	10.5	x	x	x	x	x	FD ^{MSD} metals
SS-129 ✓	sewer	8/31/10	1445	10.5	x	x	x	x	x	FD-07 VOCs
SS-130 ✓	sewer	9.2.10	1730	11.0	x	x	x	x	x	FD-41 VOCs
SS-131 •	cont. basin	9.2.10	1435	0.8			x	x		FD-32 Cr 6+
SS-132 •	cont. basin	9.2.10	1445	1.0			x	x		FD-33 Metals
SS-133	background	9/3/10	1330	±00.5'			x	x		
SS-134	background	9/3/10	1215	5.0			x	x		

SS-135A WWTP 9/8/10 1315 ~~10.0~~ 9.5 x x x x x

- A: 0 - 5 ft bgs
- B: 5 - 10 ft bgs
- C: 10 - 15 ft bgs
- D: 15 - 20 ft bgs
- E: 20 - 25 ft bgs

QC Sample Log
Mills Gap Road Site - Phase IIA RI
MACTEC Project 6686-08-1744.06

Sample ID	Associated Sample/Location	Date	Time	VOCs	SVOCs	Metals	Cr 6+	Cyanide
				8260	8270	6010+	7196	9014
MB-01	drill water	8/31/10	1030	x	x	x		x
FB-01	SS-120	8/30/10	1645	x				
FB-02	SS-123	9/3/10	1705	x				
EB-01	DPT shoe	8/31/10	1630	x	x	x		x
EB-02	DPT shoe	9/1/10	1715	x	x	x		x
EB-03	hand Auger	9/3/10	1700	x	x	x		x
TB-01	Soil	8/30/10		x				
TB-02	water	8/30/10		x				
TB-03	soil	9/1/10		x				
TB-04	soil	9/1/10		x				
TB-05	water	9/1/10		x				
TB-06	Soil	9/2/10		x				
TB-07	Soil	9/3/10		x				
TB-08	Water	9/3/10		x				
TB-09	Soil	9/7/10		x				
TB-10				x				
FD-01	SS-113B	8/30/10	1440					x
FD-02	SS-118	8/30/10	1515			x		
FD-03	SS-117	8/30/10	1545		x			
FD-04	SS-120	8/30/10	1645	x				
FD-05	SS-119	8/30/10	1715				x	
FD-06	SS-128	8/31/10	1420			x		
FD-07	SS-129	8/31/10	1445	x				
FD-08	SS-109A	8/31/10	1700		x			
FD-09	SS-109B	8/31/10	1705					x
FD-10	SS-109C	8/31/10	1715		x			
FD-11	SS-109D	8/31/10	1725				x	
FD-12	SS-104A	8/31/10	0950	x				
FD-13	SS-104B	9/1/10	1000			x		
FD-14	SS-104C	9/1/10	1005				x	
FD-15	SS-104D	9/1/10	1015					x
FD-16	SS-106A	9/1/10	1405		x			
FD-17	SS-106B	9/1/10	1415			x		
FD-18	SS-106C	9/1/10	1425				x	
FD-19	SS-106D	9/1/10	1435					x
FD-20	SS-105A	9/1/10	1535	x				
FD-21	SS-110A	9/1/10	1610		x			
FD-22	SS-110B	9/1/10	1615			x		
FD-23	SS-110C	9/1/10	1620	x				
FD-24	SS-110D	9/1/10	1625				x	
FD-25	SS-110E	9/1/10	1630					x
FD-26	SS-111A	9/1/10	1730		x			

QC Sample Log
Mills Gap Road Site - Phase IIA RI
MACTEC Project 6686-08-1744.06

Sample ID	Associated Sample/Location	Date	Time	VOCs	SVOCs	Metals	Cr 6+	Cyanide	
				8260	8270	6010+	7196	9014	
FD-27	SS-112A	9/2/10	0930	X					
FD-28	SS-112B	9/2/10	0940			X			
FD-29	SS-112C	9/2/10	0945				X		
FD-30	SS-112D	9/2/10	0955					X	
FD-31	SS-112E	9/2/10	1000		X				
FD-32	SS-131	9/2/10	1435				X		
FD-33	SS-132	9/2/10	1445			X			
FD-34	SS-102A	9/2/10	1600			X			
FD-35	SS-102B	9/2/10	1610				X		
FD-36									
FD-37	SS-102D	9/2/10	1625		X				
FD-38	SS-103A	9/2/10	1640	X					
FD-39	SS-103B	9/2/10	1645			X	X		
FD-40	SS-103C	9/2/10	1650					X	
FD-41	SS-130	9/2/10	1730	X					
FD-42	SS-115A	9/7/10	1245					X	
FD-43	MW-3A	9/9/10	1035	← 1,4 dioxane					
FD-44									
FD-45									

not collected



FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT JOB NUMBER DATE

WELL / SAMPLE NUMBER ACTIVITY TIME START END TIME

QC SAMPLES COLLECTED ASSOCIATED TRIP BLANK

WATER LEVEL / PUMP DATA

INITIAL DTW FINAL DTW DRAWDOWN VOL INITIAL - FINAL X 0.16 GAL/FT

SCREENED INTERVAL purged approx 2.0 gallons

BLADDER PUMP PERISTALTIC PUMP DISCHARGE REFILL

PURGE DATA

TIME	DTW (ft)	PURGE RATE (L/min)	TEMP (C°)	SPECIFIC CONDUCTIVITY (mS/cm)	pH	DO (mg/L)	TUIBILITY (NTU)	ORP (mV)	COMMENTS
1135	20.02	0.2	15.74	113	5.46	1.20	3.20	179.2	
1138	20.55	0.2	14.89	115	5.49	1.15	3.80	178.8	
1141	20.73	0.2	14.59	117	5.53	1.09	3.50	176.5	
1144	20.95	0.2	14.38	119	5.51	0.77	2.50	174.2	
1147	21.35	0.2	14.34	120	5.50	0.58	2.20	173.0	
1150	21.48	0.2	14.41	120	5.55	0.59	2.20	173.3	
1153	21.59	0.2	14.45	120	5.58	0.60	2.30	172.1	
1156	21.64	0.2	14.43	119	5.57	0.58	2.10	171.1	
1159	21.62	0.2	14.41	119	5.56	0.56	2.00	170.5	
1203	21.66	0.2	14.48	120	5.56	0.57	2.20	171.0	
1206	21.65	0.2	14.53	120	5.55	0.57	2.10	171.7	
1209	21.64	0.2	14.55	120	5.55	0.58	2.00	172.0	
			Sample @ 1210						

ANALYSES: VOCs (8260) & 1,4-Dichloro (8270)

NOTES:

SIGNATURE:



FIELD DATA RECORD - LOW FLOW GROUNDWATER SAMPLING

PROJECT Mills Gap Road Site - Phase IIA RI
 JOB NUMBER 6686-08-1744.06
 DATE 9/9/10

WELL / SAMPLE NUMBER MW-3A
 ACTIVITY TIME START 1000 END 1035
 TIME 1035

QC SAMPLES COLLECTED FD-43 (1,4 Dioxane)
 ASSOCIATED TRIP BLANK NA

WATER LEVEL / PUMP DATA

INITIAL DTW 18.52 ft (TOC)
 FINAL DTW 19.85 ft (TOC)
 DRAWDOWN VOL INITIAL - FINAL X 0.16 GAL/FT 0.21 gal

SCREENED INTERVAL 43 - 48.1
purge appx 1.5 gallons

BLADDER PUMP
 PERISTALTIC PUMP
 DISCHARGE NA
 REFILL NA

PURGE DATA

TIME	DTW (ft)	PURGE RATE (L/min)	TEMP (C°)	SPECIFIC CONDUCTIVITY (mS/cm)	pH	DO (mg/L)	TUIBILITY (NTU)	ORP (mV)	COMMENTS
1008	18.52	0.25	14.63	185	5.75	1.20	246.0 5.70	246.0	
1012	18.82	0.2	14.92	108	4.91	0.90	6.20	223.3	slow peristaltic to
1015	19.21	0.2	15.56	66	4.93	0.88	5.60	212.7	0.2 liter per minute
1018	19.35	0.2	14.46	65	4.95	0.79	5.20	208.7	(99 seconds / 355 ml)
1021	19.66	0.2	14.41	65	4.87	0.73	4.30	211.1	
1024	19.79	0.2	14.36	64	4.86	0.68	3.90	213.6	
1027	19.84	0.2	14.39	62	4.86	0.60	3.40	214.4	
1030	19.85	0.2	14.42	62	4.90	0.56	3.20	213.0	
Sample @ 1035									

ANALYSES: VOCs (8260) & 1,4-Dioxane (8290)

NOTES: SIGNATURE: