DOE-EM&LM/GJ779-2005
Revision 10

FY 2005 Sampling Frequencies and Analyses

January 2005

Revision 10

FY 2005 Sampling Frequencies and Analyses

Sampling Frequencies for Locations

at Individual Sites

Sampling Frequencies for Locations at Ambrosia Lake, New Mexico

Wells	Quarterly	Semiannually	Annually	Triennially	Not Sampled	Notes
Monitor Wells						
675				X		Sampled every 3 years. Next in 9/2007
678				X		Sampled every 3 years. Next in 9/2007

Sampling conducted in September

Sampling Frequencies for Locations at Bluewater, New Mexico

Wells	Quarterly	Semiannually	Annually	Triennially	Not Sampled	Notes
Monitor Wells						
E(M)			X			Sample for PCBs annually; all analyte every 3 yrs.
Y2(M)			X			
F(M)			X			
T(M)			X			
X(M)				X		Sampled if standards exceeded at POC well. See LTSP.
L(SG)				X		Next sampling 11/2004
S(SG)				X		Next sampling 11/2004
OBS-3				X		Next sampling 11/2004
I(SG)				X		Sampled if standards exceeded at POC well. Next sampling 11/2004.

Sampling conducted in November.

Sampling Frequencies for Locations at Bear Creek, Wyoming

Wells	Quarterly	Semiannually	Annually	Biennially	Not Sampled	Notes
Monitor Wells						
MW-9			X			Begin sampling in 2005
MW-12			X			Begin sampling in 2005
MW-14			X			Begin sampling in 2005
MW-43			X			Begin sampling in 2005
MW-74			X			Begin sampling in 2005
MW-108			X			Begin sampling in 2005
MW-109			X			Begin sampling in 2005
MW-110			X			Begin sampling in 2005
MW-111			X			Begin sampling in 2005

Sampling conducted in August

Sampling Frequencies for Locations at Burrell, Pennsylvania

Wells	Quarterly	Semiannually	Annually	Biennially	Every 5 Years	Notes
Monitor Wells						
420					X	Next in October 2009
422					X	Next in October 2009
423					X	Next in October 2009
424					X	Next in October 2009
520					X	Next in October 2009
522					X	Next in October 2009
523					X	Next in October 2009
524					X	Next in October 2009
Surface Locations						
611					X	SEEP on cell; next in 10/09
612					X	SEEP on cell; next in 10/09

Sampling conducted in October

Sampling Frequencies for Locations at Canonsburg, Pennsylvania

Wells	Quarterly	Semiannually	Annually	Biennially	Not Sampled	Notes
Monitor Wells						
406A			X			Replaces destroyed well 406
410			X			
412			X			
413			X			
414B			X			Replaces destroyed well 414A
424			X			
Surface Locations						
601			X			
602			X			
603			X			

Sampling conducted in November

Sampling Frequencies for Locations at Durango, Colorado

Wells	Quarterly	Semiannually	Annually	Biennially	Not Sampled	Notes
Monitor Wells						
DUR01 Mill Tailings						
612			X			
617			X			
630			X			
631			X			
633			X			
634			X			
635			X			
863			X			
DUR02 Raffinate Pond						
598			X			Se and U ONLY
607			X			
879			X			
880			X			
884			X			
DUR03 Bodo Canyon						
605			X			
607			X			POC WELL
608			X			"
612			X			"
618			X			"; supplements 608
621			X			"
623			X			BACKGROUND
MW-1					X	Download datalogger
NVP					X	Download datalogger
P7					X	Download datalogger
Surface Locations						
DUR01 Mill Tailings						
584			X			
586			X			
652			X			RIVER
691			X			RIVER
DUR02 Raffinate Pond						
588			X			
654			X			RIVER
656			X			

Sampling conducted in June

Sampling Frequencies for Locations at Falls City, Texas

Wells	Quarterly	Semiannually	Annually	Biennially	Not Sampled	Notes
Monitor Wells						
709		X				
858		X				
862			X			
880		X				
886			X			
891			X			
906		X				Download data logger
908		X				
916		X				
921		X				
924			X			
963			X			

Annual sampling conducted in April

Semiannual sampling conducted in October and April

Sampling Frequencies for Locations at Grand Junction Office Facility

Wells	Quarterly	Semiannually	Annually	Biennially	Not Sampled	Notes
Monitor Wells						
8-4S			X			
11-1S			X			
6-2N			X			
14-13NA			X			
GJ84-04			X			
GJ01-01			X			
GJ01-02			X			
10-19N			X			**Need to redevelop in Jan. 2005**
Surface Locations						
Upper Gunnison			X			Sampled as a best management practice; per S. Campbell
Upper Middle Gunnison			X			
Lower Gunnison			X			
South Pond			X			
North Pond			X			
Wetland Area			X			
East Wetland Area			X			

Sampling conducted in January

Sampling Frequencies for Locations at Grand Junction Processing Site

Wells	Quarterly	Semiannually	Annually	Biennially	Not Sampled	Notes
Monitor Wells						
590		X				
745		X				
1001		X				
1014		X				
Surface Locations						
423		X				
427		X				

Sampling conducted in January and June

Sampling Frequencies for Locations at Grand Junction Disposal Site

Wells	Quarterly	Semiannually	Annually	Biennially	Not Sampled	Notes
Monitor Wells						
731			X			Download data logger
732			X			Download data logger
733			X			Download data logger

Sampling conducted in August

Sampling Frequencies for Locations at Green River, Utah

Wells	Quarterly	Semiannually	Annually	Biennially	Not Sampled	Notes
Monitor Wells						
171	X					DATA LOGGER
172	X					DATA LOGGER
173	X					DATA LOGGER
179			X			DATA LOGGER
181			X			
188			X			
189			X			
192			X			
194			X			
813	X					
Surface Locations						
846			X			
847			X			

Annual sampling conducted in June
Quarterly sampling conducted in December, March, June, and September

Sampling Frequencies for Locations at Gunnison, Colorado

Wells	Quarterly	Semiannually	Annually	Biennially	Not Sampled	Notes
Monitor Wells						
GUN01						
002			X			
005			X			
006			X			
012			X			
013			X			
062			X			To be drilled in Sept. 2004
063			X			To be drilled in Sept. 2004
064			X			To be drilled in Sept. 2004
065			X			To be drilled in Sept. 2004
066			X			To be drilled in Sept. 2004
067			X			To be drilled in Sept. 2004
102			X			
105			X			
106			X			
112			X			
113			X			
125			X			
126			X			
127			X			
135			X			
136			X			
160			X			
161			X			
181			X			
183			X			
186			X			
187			X			
188			X			
189			X			
GUN08						
609			X after 5/15			BKGD; next in 2006
630					X	WLs ONLY; next in 2006
634					X	WLs ONLY; next in 2006
663					X	WLs ONLY; next in 2006
709					X	WLs ONLY; next in 2006
710					X	WLs ONLY; next in 2006
712					X	WLs ONLY; next in 2006
714					X	WLs ONLY; next in 2006
715					X	WLs ONLY; next in 2006
716			X after 5/15			BKGD; next in 2006
720			X after 5/15			POC; next in 2006
721			X after 5/15			POC; next in 2006
722			X after 5/15			POC; next in 2006
723			X after 5/15			POC; next in 2006
724			X after 5/15			POC; next in 2006
725			X after 5/15			POC; next in 2006

Sampling Frequencies for Locations at Gunnison, Colorado

Wells	Quarterly	Semiannually	Annually	Biennially	Not Sampled	Notes
Surface Locations						
GUN01						
248			X			
777			X			
780			X			
792			X			
795			X			
Domestic Wells						
GUN01						
080			X			
081			X			
082			X			
468			X			
469			X			
680			X			Put back on list by S. Campbell; 7/27/04
665			X			
667			X			
683			X			
685			X			

GUN01 Sampling conducted in May

GUN08 sampling at the disposal cell must not be conducted before May 15th due to CDOW requirements regarding access to this site during Sage Grouse mating.

Sampling Frequencies for Locations at Hallam, Nebraska

Wells	Quarterly	Semiannually	Annually	Biennially	Not Sampled	Notes
Monitor Wells						
OBS1A			X			
OBS1B			X			
OBS2A			X			
OBS2B			X			
OBS2B2			X			
OBS2C2			X			
OBS3A			X			
OBS3B			X			
OBS4A			X			
OBS4B			X			
OBS4C			X			
OBS5A			X			
OBS5B			X			
OBS6A					X	Water level; micropurge if possible
OBS6B					X	Water level; micropurge if possible
OBS7B			X			
OBS7C			X			
OBS8B			X			
OBS8C			X			

Sampling conducted in June

Sampling Frequencies for Locations at L-BAR, New Mexico

Wells	Quarterly	Semiannually	Annually	Triennially	Not Sampled	Notes
Monitor Wells						
1A			X			Annually first 3 years; then triennially
17B			X			Annually first 3 years; then triennially
29A			X			Annually first 3 years; then triennially
61			X			Annually first 3 years; then triennially
62			X			Annually first 3 years; then triennially
63			X			Annually first 3 years; then triennially
69			X			Annually first 3 years; then triennially
72			X			Annually first 3 years; then triennially
81			X			Annually first 3 years; then triennially
100			X			Annually first 3 years; then triennially
Moquino - Old			X			Annually first 3 years; then triennially; Water users backup well
Moquino - New			X			Annually first 3 years; then triennially; Water users supply well

Sampling conducted in October, beginning in CY 2005

Sampling Frequencies for Locations at Lakeview, Oregon

Wells	Quarterly	Semiannually	Annually	Biennially	Every 5 years	Notes
Monitor Wells						
LKV01 - Processing Site						
503				X		Next sampling in 3/2006
505				X		Next sampling in 3/2006
509				X		Next sampling in 3/2006
540				X		Next sampling in 3/2006
LKV02 - Disposal Site						
515					X	Every 5 years; next in 3/09
602					X	Every 5 years; next in 3/09
603					X	Every 5 years; next in 3/09
604					X	Every 5 years; next in 3/09
605					X	Every 5 years; next in 3/09
606					X	Every 5 years; next in 3/09
607					X	Every 5 years; next in 3/09
608					X	Every 5 years; next in 3/09
609					X	Every 5 years; next in 3/09
Private Wells						
LKV01 - Processing Site						
543				X		Next sampling in 3/2006

Sampling conducted in March

Sampling Frequencies for Locations at Lowman, Idaho

Wells	Quarterly	Semiannually	Annually	Biennially	Not Sampled	Notes
Monitor Wells						
548			X			
549			X			
575			X			
580			X			
583			X			
641			X			
Surface Locations						
561			X			SEEP

Sampling conducted in July

Sampling Frequencies for Locations at Mexican Hat, Utah

Wells	Quarterly	Semiannually	Annually	Biennially	Not Sampled	Notes
Surface Locations						
248			X			**MEASURE FLOW RATES**
251			X			"
254			X			"
261			X			"
264			X			Replaced 249 "
922			X			"

Sampling conducted in April

Call Levon Benally 1 week before sampling.

Sampling Frequencies for Locations at Moab, Utah

Wells	Quarterly	Tri-annually	Annually	Biennially	Not Sampled	Notes
Monitor Wells						
400					X	Data logger; only
401		X				
402		X				
403		X				
404		X				
405		X				
406		X				
407		X				
408		X				
409					X	Water level only
413					X	Water level only
437		X				
439		X				
449					X	Water level only
450					X	Water level only
492		X				
ATP-1-IS					X	Water level only
ATP-2-D		X				
ATP-2-S		X				
NE-MILL					X	Water level only
OW-1					X	Water level only
OW-3					X	Water level only
OW-4					X	Water level only
PW-1					X	Water level only
PW-10					X	Water level only
PW-11					X	Water level only
PW-12					X	Water level only
PW-13					X	Water level only
PW-3					X	Water level only
PW-4					X	Water level only
PW-4-0B-A					X	Water level only
PW-4-0B-B					X	Water level only
PW-5					X	Water level only
PW-6					X	Water level only
PW-7					X	Water level only
PW-8					X	Water level only
PW-9					X	Water level only
SMI-MW01					X	Water level; data logger
SMI-PW01					X	Water level; data logger
SMI-PW02					X	Water level; data logger
SMI-PW03					X	Water level; data logger
TP-02		X				
TP-06					X	Water level only
TP-08					X	Water level only
TP-09					X	Water level only
TP-17		X				
TP-18		X				
TP-19		X				

Sampling Frequencies for Locations at Moab, Utah

Wells	Quarterly	Tri-annually	Annually	Biennially	Not Sampled	Notes
Piezometers						
A-1					X	Water level only
B-16					X	Water level only
B-28					X	Water level only
EE-2					X	Water level only
EE-3					X	Water level only
MW-2-R					X	Water level only
SMI-PZ1D					X	Data logger only
SMI-PZ1D2					X	Water level only
SMI-PZ1M					X	Water level; data logger
SMI-PZ1S					X	Water level; data logger
SMI-PZ2D					X	Water level; data logger
SMI-PZ2M1					X	Water level; data logger
SMI-PZ2M2					X	Water level; data logger
TH-25					X	Water level only
Surface Locations						
CR1		X				Most upgradient point
CR3		X				1 near shore; 1 in stream
CR5		X				
201		X				Most downgradient point
217		X				
218		X				1 near shore; 1 in stream
219		X				
220		X				
221		X				
222		X				
223		X				1 near shore; 1 in stream
224		X				
225		X				
226		X				
227		X				1 near shore; 1 in stream
228		X				
232		X				Collocated with 0227/TP-18
233		X				Collocated with CR-3/0492
234		X				Collocated with 0223/0402
235		X				Collocated with 0218/TP-02
Opportunistic		X				Locations (1 or 2) TBD based on flow conditions

Sampling Conducted in March/April, August, and October/November

Sampling Frequencies for Locations at Monument Valley, Arizona

Wells	Quarterly	Semiannually	Annually	Biennially	Not Sampled	Notes
Monitor Wells						
400					X	
402					X	
403					X	
602					X	
604		X				
606		X				
619		X				
655		X				
656		X				
657					X	
662		X				
669		X				
760		X				
761		X				
762		X				
764		X				
765		X				
767		X				
768		X				
770		X				
771		X				
772		X				
774		X				
775					X	
776					X	
777					X	
Private Wells						
200					X	
201		X				IHS water supply well
625					X	
640					X	

Sampling conducted in December and June

Call Levon Benally 1 week before sampling.

Sampling Frequencies for Locations at Naturita, Colorado

Wells	Quarterly	Semiannually	Annually	Biennially	Not Sampled	Notes
Monitor Wells						
NAT01						
NAT08			X			
NAT26			X			
MAU07			X			
MAU08			X			
DM1			X			
NAT14						
BR95-1				Even year		Sample in November 2004
BR95-2				Even year		Sample in November 2004
BR95-3				Even year		Sample in November 2004
Surface Locations						
531			X			
533			X			
538			X			
SM2			X			
SM4			X			

Annual sampling conducted in July
Biennial sampling conducted in November

Sampling Frequencies for Locations at Parkersburg, West Virginia

Wells	Quarterly	Semiannually	Annually	Every 5 years	Not Sampled	Notes
Monitor Wells						
MW-1					X	Next sampling 10/08
MW-2					X	Next sampling 10/08
MW-3					X	Next sampling 10/08
MW-4					X	Next sampling 10/08
MW-5				X		Next sampling 10/08
MW-6				X		Next sampling 10/08

Sampling conducted in October

Sampling Frequencies for Locations at Rifle, Colorado

Wells	Quarterly	Semiannually	Annually	Biennially	Not Sampled	Notes
Monitor Wells						
New Rifle						
169			X			
170			X			Mo, NO3, TDS, U - ONLY
172			X			Mo, NO3, TDS, U - ONLY
173			X			
195			X			
201			X			
210			X			Mo, NO3, TDS, U - ONLY
215		X				V & TDS only in Nov; full suite in April
216		X				V & TDS only in Nov; full suite in April
217		X				V & TDS only in Nov; full suite in April
590		X				V & TDS only in Nov; full suite in April
620		X				Mo, NO3, TDS, U - ONLY
635			X			
658		X				V & TDS only in Nov; full suite in April
659		X				V & TDS only in Nov; full suite in April
664		X				V & TDS only in Nov; full suite in April
669		X				V & TDS only in Nov; full suite in April
670		X				V & TDS only in Nov; full suite in April
855		X				V & TDS only in Nov; full suite in April
Old Rifle						
292		X				GCAP
304		X				GCAP
305		X				GCAP
309		X				GCAP
310		X				GCAP
597		X				Background well
655		X				GCAP
656		X				GCAP
658		X				Background well
Private Wells						
New Rifle						
442			X			Johnson - sample at wellhead
446			X			Johnson - after the RO unit
Old Rifle						
447			X			Gilstrap - before RO unit
448			X			Gilstrap - after RO unit
Surface Locations						
New Rifle						
320			X			Wetland Pond
322			X			Colorado River
323			X			Gravel pit pond
324			X			Colorado River downgradient
452			X			Wetland Pond
453			X			Wetland Pond
575		X				Gravel pit pond

Sampling Frequencies for Locations at Rifle, Colorado

Wells	Quarterly	Semiannually	Annually	Biennially	Not Sampled	Notes
Old Rifle						
396		X				GCAP
398		X				GCAP
538		X				GCAP
741		X				
Disposal Cell						
RFL08						
MW-2					X	WL only - MONTHLY
MW-3					X	WL only - MONTHLY

Sampling conducted in November and April

Sampling Frequencies for Locations at Riverton, Wyoming

Wells	Quarterly	Semiannually	Annually	Biennially	Not Sampled	Notes
Monitor Wells						
705		X				
707		X				Data logger
709					X	Data logger
710		X				
716		X				Data logger
717		X				
718		X				
719		X				
720		X				
721		X				
722		X				
723		X				
729		X				
730		X				
731		X				
735		X				
788		X				
789					X	Data logger
809		X				
824		X				
825		X				
927		X				
931		X				
Surface Locations						
747		X				
749		X				
794		X				
796		X				
810		X				Gravel pit
811		X				Little Wind River
812		X				Little Wind River
822		X				
823		X				
827(Stilling well)					X	Data logger only
Domestic Wells						
405		X				
430		X				
436		X				
440		X				
441		X				
442		X				
446		X				
454		X				
460		X				

Sampling conducted in October and June

Sampling Frequencies for Locations at Salt Lake City, Utah

Wells	Quarterly	Semiannually	Annually	Biennially	Not Sampled	Notes
Monitor Wells						
134			X			Shallow aquifer; downgradient; data logger
143					X	Deep aquifer; WL only
144			X			Shallow aquifer onsite; data logger
145					X	Deep aquifer; WL only
Surface Locations						
146			X			Open ditch onsite
148			X			Pond west of CVWRF
149			X			Pond southwest of CVWRF
150			X			Pond south of CVWRF
151			X			Pond south of CVWRF
181			X			Mill Creek - upstream
182			X			Mill Creek - downstream

Sampling conducted in December

Sampling Frequencies for Locations at Sherwood, WA

Wells	Quarterly	Semiannually	Annually	Biennially	Not Sampled	Notes
Monitor Wells						
MW-2B			X			
MW-4			X			
MW-10			X			
P1					X	Water level only
P2					X	Water level only
P3					X	Water level only
P4					X	Water level only

Sampling conducted in July

Sampling Frequencies for Locations at Shiprock, New Mexico

Wells	Quarterly	Semiannually	Annually	Biennially	Not Sampled	Notes
Monitor Wells						
SHP01						
608		X				Low flow
614		X				Low flow
615		X				Low flow
617					X	Data logger only
618		X				Low flow
619		X				Low flow
734		X				Low flow
735		X				Low flow
736		X				Low flow
797		X				Low flow
850		X				Low flow
857					X	Data logger only
1008		X				Low flow
1077		X				U, SO4, NO3 only
1089		X				U, SO4, NO3 only
SHP02						
600					X	WL quarterly only
602					X	WL; Data logger
603					X	WL quarterly only
604					X	WL quarterly only
648				Odd year		Measure flow rate semiannually; sample biennially; next in 3/05
726					X	WLs quarterly
728					X	WLs quarterly; data logger
730		X				Data logger
731					X	WL; Data logger
800					X	Water levels only; in March
801					X	Water levels only; in March
802					X	Water levels only; in March
803					X	Water levels only; in March
812					X	WLs quarterly
813					X	WLs quarterly
814					X	WL quarterly only
815					X	WL quarterly only
816					X	WL quarterly only
817		X				Low flow; WL quarterly
818		X				Ext. well; U, SO4, NO3 only
819					X	WL quarterly only
820					X	WL quarterly only
821					X	WL quarterly only
822					X	WL quarterly only
823					X	WL quarterly only
824					X	WL quarterly only
825					X	WL quarterly only
826					X	Data logger; WL quarterly
827					X	WL; Data logger
828					X	WL quarterly only
829					X	WL quarterly only
830		X				Data logger
832		X				Low flow

Sampling Frequencies for Locations at Shiprock, New Mexico

Wells	Quarterly	Semiannually	Annually	Biennially	Not Sampled	Notes
Monitor Wells						
833					X	WL quarterly only
835		X				Low flow
836		X				Low flow
837					X	Data logger only
838		X				Low flow
839		X				Low flow
841		X				Low flow; data logger; WL quarterly
843					X	Data logger only
844					X	WL quarterly only
846		X				Low flow
848					X	WL; Data logger
1002					X	WL quarterly only
1003					X	WL quarterly only
1004					X	WL quarterly only
1007					X	WL quarterly only
1048					X	WL quarterly only
1049					X	WL quarterly only
1057		X				WL quarterly only
1059					X	WL quarterly only
1060		X				Low flow
1067					X	WL only; Bob Lee Wash
1068					X	WL only; Bob Lee Wash
1069					X	WL only; Bob Lee Wash
1070		X				Ext. well; U, SO4, NO3 only
1071		X				Ext. well; U, SO4, NO3 only
1073					X	WL quarterly only
1078		X				Ext. well; U, SO4, NO3 only
1079		X				Low flow
1087		X				SUMP-Bob Lee Wash
1088		X				SUMP-Many Devils Wash
1091		X				Ext. well; U, SO4, NO3 only
1092		X				Ext. well; U, SO4, NO3 only
1093		X				Ext. well; U, SO4, NO3 only
1094		X				Ext. well; U, SO4, NO3 only
MW1					X	WL quarterly only
DM7					X	WL quarterly only
Surface Locations						
SHP01						
501		X				East of disposal cell
655		X				Drainage channel
887		X				Distributary channel
897		X				Just below mouth of Many Devils Wash
898		X				San Juan River upgradient
940		X				Just NE of 1008, San Juan River
956		X				San Juan River at intake
957		X				Through end of '05
959		X				Distributary channel just below 1st wash
965		X				San Juan River about 1500' below dist. Channel
1203						East of disposal cell
1205		X				San Juan River E of well 853

Sampling Frequencies for Locations at Shiprock, New Mexico

Wells	Quarterly	Semiannually	Annually	Biennially	Not Sampled	Notes
Surface Locations						
SHP02						
425		X				Escarpment Seep; flow rate
426		X				Escarpment Seep; flow rate
662		X				Lower Bob Lee Wash
786		X				Seep below US Hwy 666 bridge; FLOW RATE
884		X				Irrigation return flow
885		X				Upper Bob Lee Wash; water level
889		X				Many Devils Wash
932		X				
933		X				1st wash W of Highway 666
934		X				2nd wash W of Highway 666
935		X				
936		X				Seep between 1st & 2nd washes
937		X				
938		X				
939		X				
942		X				Pond NW of 847
958				Odd year		Helium lateral canal where water comes into canal at pump station; next in 3/05
959		X				

Sampling conducted in March and September

Sampling Frequencies for Locations at Shirley Basin South, Wyoming

Wells	Quarterly	Semiannually	Annually	Biennially	Not Sampled	Notes
Monitor Wells						
40-SC			X			Begin sampling in 2005
5-SC			X			Begin sampling in 2005
51-SC			X			Begin sampling in 2005
54-SC			X			Begin sampling in 2005
10-DC			X			Begin sampling in 2005
5-DC			X			Begin sampling in 2005
19-DC			X			Begin sampling in 2005
K.G.S.#3			X			Begin sampling in 2005

Sampling conducted in August

Sampling Frequencies for Locations at Slick Rock, Colorado

Wells	Quarterly	Semiannually	Annually	Biennially	Not Sampled	Notes
Monitor Wells						
Union Carbide						
317			X			
318			X			
319			X			
320			X			
324					X	Per Sam C. 2/4/04
508			X			
510			X			
684			X			
North Continent						
303			X			
305			X			
307			X			
309			X			
311			X			
Surface Locations						
Union Carbide						
347			X			
349			X			
693			X			
694			X			
North Continent						
692			X			
696			X			

Sampling conducted in September

Sampling Frequencies for Locations at Tuba City, Arizona

Wells	Quarterly	Semiannually	Annually	Biennially	Not Sampled	Notes
Monitor Wells						
251		X				
252		X				
254		X				
255		X				
256		X				
257		X				
258		X				
261			X			August
262		X				
263		X				
264		X				
265		X				
266		X				
267		X				
268		X				
271			X			August
272		X				
273		X				
274		X				
275		X				
276		X				
277			X			August
278			X			August
279			X			August
280			X			August
281		X				
282		X				
283		X				
284					X	Water level only
285					X	Water level only
683			X			August
684			X			August
685			X			August
686		X				DATA LOGGER
687		X				DATA LOGGER
688		X				DATA LOGGER
689			X			August
690			X			August
691			X			August
692			X			August
695			X			August
901		X				
902					X	Water level only
903			X			August
904		X				
906		X				DATA LOGGER
908					X	DATA LOGGER
909		X				DATA LOGGER
910		X				
911		X				
912			X			August
913			X			August

Sampling Frequencies for Locations at Tuba City, Arizona

Wells	Quarterly	Semiannually	Annually	Biennially	Not Sampled	Notes
Monitor Wells						
914			X			August
915			X			August
916			X			August
917		X				
918		X				
919		X				
920			X			August
921			X			August
929		X				
930			X			August
932		X				
934		X				DATA LOGGER
935		X				
936		X				DATA LOGGER
938					X	Water level only
940		X				DATA LOGGER
941		X				DATA LOGGER
942		X				DATA LOGGER
943		X				DATA LOGGER
945			X			August
946		X				DATA LOGGER
947			X			August
948					X	Water level only
1003		X				
1004		X				
1005		X				
1006		X				
1007		X				
1008		X				
1101					X	Monthly sampling and analysis by on-site staff for NO3, SO4, Cl, and U
1102					X	
1103					X	
1104					X	
1105					X	
1106					X	
1107					X	
1108					X	
1109					X	
1110					X	
1111					X	
1112					X	
1113					X	
1114					X	
1115					X	
1116					X	
1117					X	
1118					X	
1119					X	
1120					X	
1121					X	
1122					X	
1123					X	

Sampling Frequencies for Locations at Tuba City, Arizona

Wells	Quarterly	Semiannually	Annually	Biennially	Not Sampled	Notes
Monitor Wells						
1124					X	Monthly sampling and analysis by on-site staff for NO3, SO4, Cl, and U
1125					X	
1126					X	
1127					X	
1128					X	
1129					X	
1130					X	
1131					X	
1132					X	
1133					X	
Surface Locations						
759			X			February
778			X			February
965			X			February
1569		X				
1570		X				
1571			X			Jimmy Spr West - August
1572					X	Jimmy Spr East
1573			X			West pipe Shonto Well - August
1574					X	East pipe Shonto Well

Sampling conducted in February and August

Sampling Frequencies for Locations at Weldon Spring, Missouri

Wells	Monthly	Quarterly	Semiannually	Annually	Not Sampled	Notes
Quarry Monitor Wells						
MW-1002		X				
MW-1004		X				
MW-1005		X				
MW-1006		X				
MW-1007		X				
MW-1008		X				
MW-1009		X				
MW-1012		X				
MW-1013		X				
MW-1014		X				
MW-1015		X				
MW-1016		X				
MW-1017			X			
MW-1018		X				
MW-1019			X			
MW-1021			X			
MW-1024					X	Water level only
MW-1027		X				
MW-1028			X			
MW-1029					X	Water level only
MW-1030		X				
MW-1031		X				
MW-1032		X				
MW-1044			X			
MW-1045		X				
MW-1046		X				
MW-1047		X				
MW-1048		X				
MW-1049		X				
MW-1050			X			
MW-1051		X				
MW-1052		X				
RMW1		X		X		
RMW2				X		
RMW3				X		
RMW4				X		
OW-1					X	Water level only
OW-2					X	Water level only
OW-4					X	Water level only
OW-5					X	Water level only
Chemical Plant Monitor Wells						
MW-2001			X			
MW-2002			X			
MW-2003			X			
MW-2005			X			
MW-2006		X				

Sampling Frequencies for Locations at Weldon Spring, Missouri

Wells	Monthly	Quarterly	Semiannually	Annually	Not Sampled	Notes
Chemical Plant Monitor Wells						
MW-2012		X				
MW-2013		X				
MW-2014		X				
MW-2017			X			
MW-2021				X		
MW-2022					X	Water level only
MW-2023					X	Water level only
MW-2024					X	Water level only
MW-2032			X			Disposal Cell Monitoring Well
MW-2033		X				
MW-2034			X			
MW-2035				X		
MW-2036				X		
MW-2037			X			
MW-2038			X			
MW-2039			X			
MW-2040			X			
MW-2045		X				
MW-2046			X			Disposal Cell Monitoring Well
MW-2047			X			Disposal Cell Monitoring Well
MW-2049		X				
MW-2050		X				
MW-2051			X			Disposal Cell Monitoring Well
MW-2052		X				
MW-2053		X				
MW-2054		X				
MW-2055			X			Disposal Cell Monitoring Well
MW-3003		X				
MW-3006			X			
MW-3023		X				
MW-3024		X				
MW-3025			X			
MW-3026			X			
MW-3027			X			
MW-3028		X				
MW-3029		X				
MW-3030		X				
MW-3031			X			
MW-3032			X			
MW-3034		X				
MW-3035		X				
MW-3036		X				
MW-3037			X			
MW-3038		X				
MW-3039		X				
MW-4001			X			

Sampling Frequencies for Locations at Weldon Spring, Missouri

Wells	Monthly	Quarterly	Semiannually	Annually	Not Sampled	Notes
Chemical Plant Monitor Wells						
MW-4002				X		
MW-4006			X			
MW-4007			X			
MW-4011			X			
MW-4013			X			
MW-4014			X			
MW-4015		X				
MW-4020			X			
MW-4022				X		
MW-4023			X			
MW-4024			X			
MW-4026				X		
MW-4027			X			
MW-4028		X				
MW-4029		X				
MW-4030		X				
MW-4031			X			
MW-4032		X				
MW-4033			X			
MW-4034				X		
MW-4035					X	Water level only
MW-4036		X				
MW-4037			X			
MW-4038			X			
MW-4039		X				
MWS-4			X			
MWS-21		X				
MW-ICO1					X	Water level only
MW-ICO2					X	Water level only
MW-ICO3					X	Water level only
MW-ICO4					X	Water level only
MW-ICO5					X	Water level only
MW-ICO6					X	Water level only
MW-LIW1					X	Water level only
MW-HIW1					X	Water level only
Springs						
SP-5303		X				low flow/Qtrly; high flow/semi
SP-5304		X				low flow/Qtrly; high flow/semi
SP-6301		X				low flow/Qtrly; high flow/semi
SP-6303		X				low flow/Qtrly; high flow/semi
SP-6306		X				low flow/Qtrly; high flow/semi

Sampling Frequencies for Locations at Weldon Spring, Missouri

Wells	Monthly	Quarterly	Semiannually	Annually	Not Sampled	Notes
Surface Water						
SW-1003			X			
SW-1004			X			
SW-1005			X			
SW-1010			X			
SW-2004			X			
SW-2005			X			
SW-2012			X			
SW-2016			X			
SW-2024			X			
Disposal Cell Leachate						
LW-DC10	X					Sampling dependant on leachate volume

Constituent Sampling Breakdown

for Individual Sites

Constituent Sampling Breakdown
For Individual Sites

Site	Ambrosia Lake		Bluewater		Bear Creek		Burrell		Canonsburg		Durango	
Analyte	Ground Water	Surface Water	Ground Water	Surface Water	Ground Water	Surface Water	Ground Water	Surface Water	Ground Water	Surface Water	Ground Water	Surface Water
Approx. No. Samples/yr	2	0	7	0	9	0	8	2	6	3	20	7
Field Measurements												
Alkalinity	X		X		X		X	X	X	X	X	X
Dissolved Oxygen												
Redox Potential	X		X				X	X	X	X	X	X
pH	X		X		X		X	X	X	X	X	X
Specific Conductance	X		X		X		X	X	X	X	X	X
Turbidity	X		X		X		X		X		X	
Temperature	X		X		X		X	X	X	X	X	X
Laboratory Measurements												
Aluminum												
Ammonia as N (NH3-N)												
Antimony												
Arsenic												
Beryllium												
Bromide												
Cadmium											612 & 863 only	X
Calcium							X	X	X	X	DUR03 only	
Chloride					108, 109, 110, and 111 only		X	X	X	X	DUR03 only	
Chromium												
Cobalt												
Copper												
Fluoride												
Gamma Spec												
Gross Alpha									X			
Gross Beta									X			
Iron							X	X			DUR03 only	
Lead							X	X				
Lead-210												
Magnesium							X	X	X	X	DUR03 only	
Manganese							X	X	X	X	All Mill Tailings Area and Bodo Canyon locations	
Molybdenum	X		E(M), T(M), F(M), and X(M) only				X	X	X	X	All Mill Tailings Area and Bodo Canyon locations	X

Constituent Sampling Breakdown
For Individual Sites

Site	Ambrosia Lake		Bluewater		Bear Creek		Burrell		Canonsburg		Durango	
Analyte	Ground Water	Surface Water	Ground Water	Surface Water	Ground Water	Surface Water	Ground Water	Surface Water	Ground Water	Surface Water	Ground Water	Surface Water
Laboratory Measurements (continued)												
Nickel					X							
Nickel-63												
Nitrate + Nitrite as N (NO3+NO2)-N	X						X	X				
PCBs			E(M), Y2(M), T(M), F(M), and X(M) only									
Phosphate												
Polonium-210												
Potassium							X	X	X	X	DUR03 only	
Radium-226					X							
Radium-228					X							
Selenium	X		All except Y2(M)		9, 12, 14, 43, and 74 only		X	X			X	X
Silica												
Sodium							X	X	X	X	DUR03 only	
Strontium												
Sulfate	X				108, 109, 110, and 111 only		X	X	X	X	All Mill Tailings Area and Bodo Canyon locations	
Sulfide												
Thallium												
Thorium-230					9, 12, 14, 43, and 74 only							
Tin												
Total Dissolved Solids							X	X			X	
Total Organic Carbon												
Uranium	X		All except Y2(M)		X		X	X	X	X	X	X
Vanadium												
Zinc												
Total No. of Analytes	5	0	4	0	8	0	14	14	11	9	13	4

Note: All analyte samples are considered filtered unless stated otherwise. All private well samples are to be unfiltered. The total number of analytes does not include field parameters.

Constituent Sampling Breakdown
For Individual Sites

Site	Falls City		GJO-Office Facility		GJT-Processing Site		GRJ-Disposal Site		Green River	
Analyte	Ground Water	Surface Water	Ground Water	Surface Water	Ground Water	Surface Water	Ground Water	Surface Water	Ground Water	Surface Water
Approx No. Samples\yr	19	0	8	7	8	4	3	0	22	2
Field Measurements										
Alkalinity	X		X		X	X	X		X	X
Dissolved Oxygen										
Redox Potential	X		X	X	X	X	X		X	X
pH	X		X	X	X	X	X		X	X
Specific Conductance	X		X	X	X	X	X		X	X
Turbidity	X		X		X		X		X	
Temperature	X		X	X	X	X	X		X	X
Laboratory Measurements										
Aluminum	X									
Ammonia as N (NH3-N)	X				X	X			X	X
Antimony	X									
Arsenic	X		X	X					X	X
Beryllium	X									
Bromide	X									
Cadmium	X								X	X
Calcium	X								X	X
Chloride	X		X	X					X	X
Chromium	X		X	X						
Cobalt	X									
Copper	X									
Fluoride									X	X
Gamma Spec										
Gross Alpha	X		X	X					X	X
Gross Beta										
Iron	X									
Lead	X									
Lead-210									X	X
Magnesium	X								X	X
Manganese	X		X	X					X	X
Molybdenum	X		X	X	X	X	X		X	X

Constituent Sampling Breakdown
For Individual Sites

Site	Falls City		GJO-Office Facility		GJT-Processing Site		GRJ-Disposal Site		Green River	
Analyte	Ground Water	Surface Water	Ground Water	Surface Water	Ground Water	Surface Water	Ground Water	Surface Water	Ground Water	Surface Water
Laboratory Measurements (continued)										
Nickel	X									
Nickel-63										
Nitrate + Nitrite as N (NO3+NO2)-N	X		X	X			X		X	X
PCBs							X			
Phosphate										
Polonium-210										
Potassium	X								X	X
Radium-226	X								X	X
Radium-228	X								X	X
Selenium	X		X	X			X		X	X
Silica										
Sodium	X								X	X
Strontium									X	X
Sulfate	X		X	X			X		X	X
Sulfide	X									
Thallium	X									
Thorium-230									X	X
Tin	X									
Total Dissolved Solids	X		X	X	X	X	X		X	X
Total Organic Carbon										
Uranium	X		X	X	X	X	X		X	X
Uranium-234, -238										
Vanadium	X						X		X	X
VOCs										
Zinc	X									
Total No. of Analytes	33	0	11	11	4	4	8	0	23	23

Note: All analyte samples are considered filtered unless stated otherwise. All private well samples are to be unfiltered. The total number of analytes does not include field parameters.

Constituent Sampling Breakdown
For Individual Sites

Site	Gunnison		Hallam		L-Bar		Lakeview		Lowman	
Analyte	Ground Water	Surface Water	Ground Water	Surface Water	Ground Water	Surface Water	Ground Water	Surface Water	Ground Water	Surface Water
Approx. No. Samples/yr.	47	5	17	0	12	0	14	0	6	1
Field Measurements										
Alkalinity	X	X	X				X	X	X	X
Dissolved Oxygen										
Redox Potential	X	X	X				X	X	X	X
pH	X	X	X		X		X	X	X	X
Specific Conductance	X	X	X		X		X	X	X	X
Turbidity	X		X				X		X	
Temperature	X	X	X				X	X	X	X
Laboratory Measurements										
Aluminum										
Ammonia as N (NH3-N)										
Antimony									X	X
Arsenic							X			
Boron										
Beryllium										
Bromide										
Cadmium							Disposal site only			
Calcium							Disposal site only		X	X
Chloride					X		X		X	X
Chromium										
Cobalt										
Copper										
Fluoride										
Gamma Spec			X							
Gross Alpha			X							
Gross Beta			X							
Iron							X		X	X
Lead										
Lead-210										
Magnesium							Disposal site only		X	X
Manganese	X	X					Millsite only		X	X
Molybdenum										

Constituent Sampling Breakdown
For Individual Sites

Site	Gunnison		Hallam		L-Bar		Lakeview		Lowman	
Analyte	Ground Water	Surface Water	Ground Water	Surface Water	Ground Water	Surface Water	Ground Water	Surface Water	Ground Water	Surface Water
Laboratory Measurements (continued)										
Nickel										
Nickel-63			X							
Nitrate + Nitrite as N (NO3+NO2)-N					X					
PCBs										
Phosphate										
Polonium-210										
Potassium							Disposal site only		X	X
Radium-226										
Radium-228										
Selenium					X					
Silica										
Sodium							X		X	X
Strontium										
Sulfate					X		X		X	X
Sulfide										
Thallium										
Thorium-230										
Tin										
Total Dissolved Solids					X		X		X	X
Total Organic Carbon										
Tritium			X							
Uranium	X	X			X		Millsite only			
Uranium-234, -238										
Vanadium										
Zinc										
Total Analytes	2	2	5	0	6	0	12	0	10	10

Note: All analyte samples are considered filtered unless stated otherwise. All private well samples are to be unfiltered. The total number of analytes does not include field parameters.

Constituent Sampling Breakdown
For Individual Sites

Site	Mexican Hat		Monument Valley		Naturita		Rifle (2)				Riverton	
Analyte	Ground Water	Surface Water	Ground Water	Surface Water	Ground Water	Surface Water	Ground Water		Surface Water		Ground Water	Surface Water
Approx. No. Samples/yr	0	6	19	0	8	5	52		16		60	18
Field Measurements												
Alkalinity		X	X		X	X	X		X		X	X
Dissolved Oxygen												
Redox Potential		X	X		X	X	X		X		X	X
pH		X	X		X	X	X		X		X	X
Specific Conductance		X	X		X	X	X		X		X	X
Turbidity			X		X		X				X	X
Temperature		X	X		X	X	X		X		X	X
Laboratory Measurements							*RFO	*RFN	RFO	RFN		
Aluminum												
Ammonia as N (NH3-N)		X	X					X		X		
Antimony												
Arsenic					BR wells only			X		X		
Barium												
Bromide												
Cadmium												
Calcium		X										
Chloride		X										
Chromium												
Cobalt												
Copper												
Fluoride								X		X		
Gamma Spec												
Gross Alpha												
Gross Beta												
Iron												
Lead												
Lead-210												
Magnesium												
Manganese								X		X	X	X
Molybdenum		X			BR wells only			X		X	X	X

Constituent Sampling Breakdown
For Individual Sites

Site	Mexican Hat		Monument Valley		Naturita		Rifle (2)				Riverton	
Analyte	Ground Water	Surface Water	Ground Water	Surface Water	Ground Water	Surface Water	Ground Water		Surface Water		Ground Water	Surface Water
Laboratory Measurements (Continued)							*RFO*	*RFN*	*RFO*	*RFN*		
Nickel												
Nickel-63												
Nitrate + Nitrite as N (NO3+NO2)-N		X	X					X		X		
Nitrite												
PCBs												
Phosphate												
Polonium-210												
Potassium		X										
Radium-226		X										0822 only
Radium-228		X										0822 only
Selenium							X	X	X	X		
Silica												
Sodium		X										
Strontium												
Sulfate		X	X							X	X	X
Sulfide												
Thallium												
Thorium-230												
Tin												
Total Dissolved Solids		X			X	X	X	X	X	X		
Total Organic Carbon												
Total Suspended Solids												
Uranium		X	X		X	X	X	X	X	X	X	X
Uranium-234, -238												
Vanadium		X	X		X	X	X	X	X	X		
Zinc												
Total Analytes	0	13	5	0	5	3	4	10	4	12	4	6

*RFN = New Rifle; RFO = Old Rifle

Note: All samples are considered filtered unless stated otherwise. All private well samples are to be unfiltered. The total number of analytes does not include field parameters.

Constituent Sampling Breakdown
For Individual Sites

Site	Salt Lake City		Sherwood		Shiprock		Shirley Basin South		Slick Rock		Tuba City	
Analyte	Ground Water	Surface Water	Ground Water	Surface Water	Ground Water	Surface Water	Ground Water	Surface Water	Ground Water	Surface Water	Ground Water	Surface Water
Approx. No. Samples/yr	2	7	3	0	73	57	8	0	12	6	94	9
Field Measurements												
Alkalinity	X		X		X	X	X		X	X	X	X
Dissolved Oxygen					X							
Redox Potential	X		X		X	X			X	X	X	X
pH	X		X		X	X	X		X	X	X	X
Specific Conductance	X		X		X	X	X		X	X	X	X
Turbidity	X		X		X		X		X	X	X	
Temperature	X		X		X	X	X		X	X	X	X
Laboratory Measurements												
Aluminum												
Ammonia as N (NH3-N)					X	X					X	
Antimony												
Arsenic											X	X
Barium												
Beryllium												
Bromide												
BTEX									319			
Cadmium							X					
Calcium					X	X					X	X
Chloride			X		X	X	X				X	X
Chromium							X					
Cobalt												
Copper												
Fluoride												
Gamma Spec												
Gross Alpha											X	X
Gross Beta												
Iron					X						X	X
Lead							X					
Lead-210												
Magnesium					X	X					X	X
Manganese					X	X			318, 320, 508, 510,684	347, 349, 693, 694	X	X
Mercury												
Molybdenum	X	X							317, 318, 320, 508,	347, 349, 693, 694	X	X

Constituent Sampling Breakdown
For Individual Sites

Site	Salt Lake City		Sherwood		Shiprock		Shirley Basin South		Slick Rock		Tuba City	
Analyte	Ground Water	Surface Water	Ground Water	Surface Water	Ground Water	Surface Water	Ground Water	Surface Water	Ground Water	Surface Water	Ground Water	Surface Water
Laboratory Measurements (continued)												
Nickel							X					
Nickel-63												
Nitrate + Nitrite as N (NO3+NO2)-N					X	X	X		318, 320, 508, 510, 684	347, 349, 693, 694	X	X
Organics												
PCBs												
Phosphate												
Polonium-210												
Potassium					X	X					X	X
Radium-226							X		319			
Radium-228							X		319			
Radon-222												
Selenium					X	X	X		305, 307, 318, 320, 508, 510, 684	347, 349, 693, 694	X	X
Silica											X	
Sodium					X	X					X	X
Strontium					X	X					X	X
Sulfate			X		X	X	X				X	X
Sulfide												
Thallium												
Thorium-230							X					
Thorium-232												
Tin												
Total Dissolved Solids			X		X		X		X		X	X
Total Organic Carbon					X							
Tritium												
Uranium	X	X			X	X	X		303, 305, 307, 309, 311, 318, 320, 508,	X all samples	X	X
Uranium-234, -238												X
Vanadium												
VOCs												
Zinc												
Total Analytes	2	2	3	0	15	12	13	0	9	5	18	17

Note: All samples are considered filtered unless stated otherwise. All private well samples are to be unfiltered. The total number of analytes does not include field parameters.

Constituent Sampling Breakdown

Site	MOAB	
Analyte	Ground Water	Surface Water
Approx No. Samples\yr	51	66
Field Measurements		
Alkalinity	X	X
Dissolved Oxygen	X	X
Redox Potential	X	X
pH	X	X
Specific Conductance	X	X
Turbidity	X	
Temperature	X	X
Laboratory Measurements		
Aluminum		
Ammonia as N (NH3-N)	X	X
Antimony		
Arsenic		
Barium		
Beryllium		
Boron		
Bromide		
Cadmium		
Calcium		
Chloride	X	X
Chromium		
Cobalt		
Copper		
Fluoride		
Gamma Spec		
Gross Alpha		
Gross Beta		
Iron		
Lead		
Lead-210		
Lithium		
Magnesium		
Manganese		
Mercury		
Molybdenum		

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Constituent Sampling Breakdown

Site	MOAB	
Analyte	Ground Water	Surface Water
Laboratory Measurements (Continued)		
Nickel		
Nickel-63		
Nitrate + Nitrite as N (NO3+NO2)-N		
PCBs		
Phosphate		
Polonium-210		
Potassium		
Radium-226		
Radium-228		
Selenium		
Silica		
Silver		
Sodium		
Strontium		
Sulfate	X	X
Sulfide		
Thallium		
Thorium-230		
Tin		
Total Dissolved Solids	X	X
Total Organic Carbon		
Uranium	X	X
Uranium-234, -238		
Vanadium		
All Appendix IX listed constituents		
VOCs		
Zinc		
Total No. of Analytes	5	5

Note: All analyte samples are considered filtered unless stated otherwise. The total number of analytes does not include the field parameters.

Constituent Sampling Breakdown

Site	Parkersburg	
Analyte	Ground Water	Surface Water
Approx. No. Samples/yr	2	0
Field Measurements		
Alkalinity	X	
Dissolved Oxygen		
Redox Potential	X	
pH	X	
Specific Conductance	X	
Turbidity	X	
Temperature	X	
Laboratory Measurements		
Aluminum		
Ammonia as N (NH3-N)		
Antimony	X	
Arsenic		
Barium	X	
Beryllium	X	
Bromide		
Cadmium	X	
Calcium	X	
Chloride	X	
Chromium	X	
Cobalt		
Copper		
Fluoride		
Gross Alpha	X	
Gross Beta	X	
Hafnium	X	
Iron		
Lead	X	
Lead-210		
Magnesium	X	
Manganese		
Mercury	X	
Molybdenum		

Constituent Sampling Breakdown

Site	Parkersburg	
Analyte	Ground Water	Surface Water
Laboratory Measurements (Continued)		
Nickel	X	
Nitrate + Nitrite as N (NO3+NO2)-N	X	
Nitrite	X	
Phosphate		
Polonium-210		
Potassium	X	
Radium-226	X	
Radium-228	X	
Selenium	X	
Silica		
Sodium	X	
Strontium		
Sulfate	X	
Sulfide		
Thallium	X	
Thiocyanate	X	
Thorium-230		
Tin		
Total Dissolved Solids		
Total Organic Carbon		
Uranium	X	
Vanadium		
Zinc		
Zirconium	X	
Total Analytes	26	0

Note: All samples are considered filtered unless stated otherwise. All private well samples are to be unfiltered. The total number of analytes does not include field parameters.

Constituent Sampling Breakdown

Site	WELDON	
Analyte	Ground Water	Surface Water
Approx No. Samples\yr	277	60
Field Measurements		
Alkalinity		
Dissolved Oxygen	X	X
Redox Potential	X	X
pH	X	X
Specific Conductance	X	X
Turbidity	X	
Temperature	X	X
Laboratory Measurements		
Aluminum		
Ammonia as N (NH3-N)		
Antimony		
Arsenic		12
Barium	14	12
Beryllium		
Boron		
Bromide		
Cadmium		
Calcium		
Chloride	12	2
Chromium	14	12
Cobalt	12	2
Copper		12
Fluoride	12	2
Gamma Spec		
Gross Alpha	14	12
Gross Beta		
Iron	127	12
Lead	12	12
Lead-210		
Lithium		
Magnesium		
Manganese	12	2
Mercury		12
Molybdenum		

Constituent Sampling Breakdown

Site	WELDON	
Analyte	Ground Water	Surface Water
Laboratory Measurements (Continued)		
Nickel	12	12
Nickel-63		
Nitrate + Nitrite as N (NO3+NO2)-N	97	42
PAHs		
PCBs	12	2
Phosphate		
Polonium-210		
Potassium		
Radium-226	14	12
Radium-228	14	12
Selenium	12	12
Silica		
Silver		12
Sodium		
Strontium		
Sulfate	124	2
Sulfide		
Thallium	12	2
Thorium-230	14	12
Tin		
Total Dissolved Solids	12	2
Total Suspended Solids		12
Total Organic Carbon	12	2
Uranium	224	60
Uranium-234, -238		
Vanadium		
VOCs	87	42
Zinc	14	12
Total No. of Analytes	23	28

Note: All analyte samples are considered filtered unless stated otherwise. The total number of analytes does not include the field parameters.