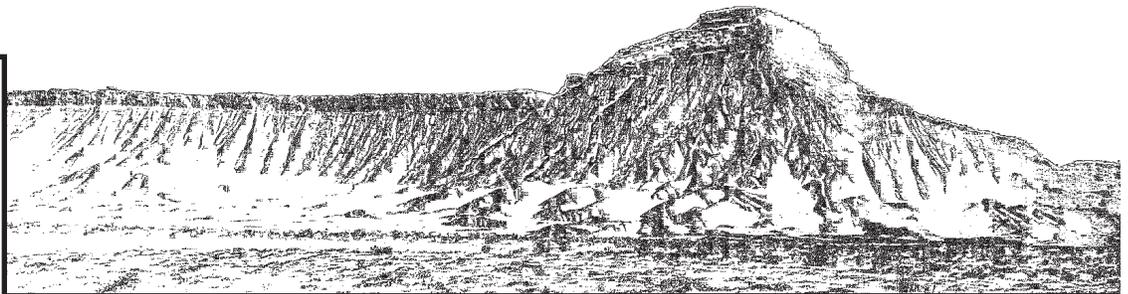


FY 2004 Sampling Frequencies and Analyses

January 2004



U.S. Department
of Energy



Revision 9

FY 2004 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 5/2004
678				X		Sampled every 3 years. Next in 5/2004

Sampling conducted in May

**Sampling Frequencies for Locations at
Bluewater, New Mexico**

Wells	Quarterly	Semiannually	Annually	Triennially	Not Sampled	Notes
Monitor Wells						
E(M)				X		Sampled by DOE-GJO
Y2(M)				X		Sampled by DOE-GJO
F(M)				X		Sampled by DOE-GJO
T(M)				X		Sampled by DOE-GJO
X(M)				X		Sampled by DOE-GJO if standards exceeded at POC well. See LTSP.
L(SG)				X		Sampled by DOE-GJO
S(SG)				X		Sampled by DOE-GJO
OBS-3				X		Sampled by DOE-GJO
I(SG)				X		Sampled by DOE-GJO if standards exceeded at POC well.

Sampling conducted in May

**Sampling Frequencies for Locations at
Bear Creek, Wyoming**

Wells	Quarterly	Semiannually	Annually	Biennially	Not Sampled	Notes
Monitor Wells						
MW-9			X			Begin sampling in 2004
MW-12			X			Begin sampling in 2004
MW-14			X			Begin sampling in 2004
MW-43			X			Begin sampling in 2004
MW-74			X			Begin sampling in 2004
MW-108			X			Begin sampling in 2004
MW-109			X			Begin sampling in 2004
MW-110			X			Begin sampling in 2004
MW-111			X			Begin sampling in 2004

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 2004
422					X	Next in October 2004
423					X	Next in October 2004
424					X	Next in October 2004
520					X	Next in October 2004
522					X	Next in October 2004
523					X	Next in October 2004
524					X	Next in October 2004
Surface Locations						
611					X	SEEP on cell; next in October 2004
612					X	SEEP on cell; next in October 2004

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			
414A			X			
424			X			
504					X	Decommissioned
505					X	Decommissioned
Surface Locations						
601			X			
602			X			
603			X			

Sampling conducted in October

**Sampling Frequencies for Locations at
Durango, Colorado**

Wells	Quarterly	Semiannually	Annually	Biennially	Not Sampled	Notes
Monitor Wells						
<i>DUR01 Mill Tailings</i>						
612			X			
617			X			
630			X			
631			X			
633			X			
634			X			
635			X			
863			X			
<i>DUR02 Raffinate Pond</i>						
598			X			Se and U ONLY
607			X			
879			X			
880			X			
884			X			
<i>DUR03 Bodo Canyon</i>						
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						
<i>DUR01 Mill Tailings</i>						
584			X			
586			X			
652			X			RIVER
691			X			RIVER
<i>DUR02 Raffinate Pond</i>						
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			In April
880		X				
886			X			In April
891			X			In April
906		X				Download data logger
908		X				
916		X				
921		X				
924			X			In April
963			X			In April

Sampling conducted in April and October

**Sampling Frequencies for Locations at
Grand Junction Mill 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 Cell**

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

Sampling conducted in August

**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			
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
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			Will be installed in FY04
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						
<i>GUN01</i>						
006			X			DATA LOGGER
012			X			DATA LOGGER
013			X			
106			X			DATA LOGGER
112			X			DATA LOGGER
113			X			
126			X			
127			X			
160			X			
161			X			
183			X			
188			X			
189			X			
<i>GUN08</i>						
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
Surface Locations						
<i>GUN01</i>						
248			X			
777			X			
780			X			
792			X			
795			X			

**Sampling Frequencies for Locations at
Gunnison, Colorado**

Wells	Quarterly	Semiannually	Annually	Biennially	Not Sampled	Notes
Domestic Wells						
<i>GUN01</i>						
080			X			
081			X			
082			X			
468			X			
469			X			
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
<i>Monitor Wells</i>						
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
Lakeview, Oregon**

Wells	Quarterly	Semiannually	Annually	Biennially	Every 5 years	Notes
Monitor Wells						
<i>LKV01</i>						
503				X		Next sampling in 3/2004
505				X		Next sampling in 3/2004
509				X		Next sampling in 3/2004
540				X		Next sampling in 3/2004
<i>LKV02</i>						
515					X	Every 5 years; next in 3/04
602					X	Every 5 years; next in 3/04
603					X	Every 5 years; next in 3/04
604					X	Every 5 years; next in 3/04
605					X	Every 5 years; next in 3/04
606					X	Every 5 years; next in 3/04
607					X	Every 5 years; next in 3/04
608					X	Every 5 years; next in 3/04
609					X	Every 5 years; next in 3/04
Private Wells						
<i>LKV01</i>						
543				X		

Sampling conducted in March

**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
Moquino - New			X			Annually first 3 years; then triennially

Sampling conducted in May

**Sampling Frequencies for Locations at
Lowman, Idaho**

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

Sampling conducted in July

**Sampling Frequencies for Locations at
Maybell, Colorado**

Wells	Quarterly	Semiannually	Annually	Biennially	Not Sampled	Notes
Monitor Wells						
601					X	Download data logger; WLS
676					X	Download data logger; WLS
695					X	Download data logger; WLS
696					X	Download data logger; WLS

**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 February

**Sampling Frequencies for Locations at
Moab, Utah**

Wells	Quarterly	Semiannually	Annually	Biennially	Not Sampled	Notes
Monitor Wells						
400					X	Data logger; only
401					X	Water level only
402					X	Water level only
403					X	Water level only
404					X	Water level only
405					X	Water level only
406					X	Water level; data logger
407					X	Water level only
408					X	Water level only
409					X	Water level only
410		X				
411		X				
412		X				
413					X	Water level only
414		X				
430		X				Collect sample from the bottom of the well screen
431		X				
432		X				
433		X				
434		X				
435		X				
436		X				
437		X				Vibrating wire piezometer location #452
438		X				
439		X				Vibrating wire piezometer location #451
440		X				
442		X				
443		X				
444		X				
449					X	Water level only
450					X	Water level only
455		X				
456		X				
457		X				
537		X				
AMM-1		X				2 samples - top and bottom of screen
AMM-2		X				2 samples - top and bottom of screen
AMM-3		X				
ATP-1-D		X				
ATP-1-ID		X				
ATP-1-IS					X	Water level only
ATP-1-S		X				
ATP-2-D		X				
ATP-2-S		X				
ATP-3		X				
MW-1-R		X				
MW-3		X				

**Sampling Frequencies for Locations at
Moab, Utah**

Wells	Quarterly	Semiannually	Annually	Biennially	Not Sampled	Notes
Monitor Wells						
NE-MILL					X	Water level only
OW-1					X	Water level only
OW-2		X				
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
RW-01		X				
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-01		X				
TP-02		X				
TP-06					X	Water level only
TP-07		X				
TP-08					X	Water level only
TP-09					X	Water level only
TP-11		X				
TP-17		X				
TP-18		X				
TP-19		X				
TP-20		X				
TP-21		X				
Matheson Preserve		X				
Matheson Preserve		X				
Piezometers						
458		X				
459		X				
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

**Sampling Frequencies for Locations at
Moab, Utah**

Wells	Quarterly	Semiannually	Annually	Biennially	Not Sampled	Notes
Piezometers						
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
SMI-PZ3S		X				Data logger
SMI-PZ3M		X				Data logger
SMI-PZ3D2		X				Data logger
TH-25					X	Water level only
Surface Locations						
CR1		X				Most upgradient point
CR2		X				Sample near shore
CR2-001		X				In main channel out from CR2 at bottom
CR3		X				Sample near shore
CR3-001		X				In main channel out from CR3 at bottom
CR4		X				
CR5		X				
CRA		X				
CR2B		X				Sample near shore
CR2B-001		X				In main channel out from CRB at bottom
CRC		X				
CRD		X				
CRE		X				
201		X				Most downgradient point
204		X				Across from TP-02
205		X				Below Courthouse Wash

Sampling Conducted in December and June

**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

**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	Water levels only 10/03; next sampling 10/08
MW-2					X	Water levels only 10/03; next sampling 10/08
MW-3					X	Water levels only 10/03; next sampling 10/08
MW-4					X	Water levels only 10/03; next sampling 10/08
MW-5				X		Sample in 10/03;next sampling 10/08
MW-6				X		Sample in 10/03;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						
<i>New Rifle</i>						
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 Oct; full suite in March
216		X				V & TDS only in Oct; full suite in March
217		X				V & TDS only in Oct; full suite in March
590		X				V & TDS only in Oct; full suite in March
635			X			
658		X				V & TDS only in Oct; full suite in March
659		X				V & TDS only in Oct; full suite in March
664		X				V & TDS only in Oct; full suite in March
669		X				V & TDS only in Oct; full suite in March
670		X				V & TDS only in Oct; full suite in March
855		X				V & TDS only in Oct; full suite in March
<i>Old Rifle</i>						
292		X				GCAP
304		X				GCAP
305		X				GCAP
309		X				GCAP
310		X				GCAP
655		X				GCAP
656		X				GCAP
Private Wells						
<i>New Rifle</i>						
442			X			Johnson - sample at wellhead
446			X			Johnson - after the RO unit

**Sampling Frequencies for Locations at
Rifle, Colorado**

Wells	Quarterly	Semiannually	Annually	Biennially	Not Sampled	Notes
Surface Locations						
<i>New Rifle</i>						
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
<i>Old Rifle</i>						
396		X				GCAP
398		X				GCAP
538		X				GCAP
741		X				
Disposal Cell						
<i>RFL08</i>						
MW-2					X	WL only - MONTHLY
MW-3					X	WL only - MONTHLY

Sampling conducted in October and March

**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			
722			X			
723			X			
731			X			
735			X			
789					X	Data logger
Surface Locations						
747			X			
749			X			
794			X			
796			X			

Sampling conducted in May

**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; dup to 2nd lab
619		X				Low flow; dup to 2nd lab
734		X				Low flow; dup to 2nd lab
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
SHP02						
602					X	Data logger only
604					X	WL quarterly only
648				Odd year		Measure flow rate semiannually; sample biennially; next in 3/05
728					X	WLs quarterly; data logger
730		X				Data logger
731					X	Data logger only
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
817		X				Low flow; WL quarterly
819					X	WL quarterly only
826					X	Data logger only; WL quarterly
827					X	Data logger only
828					X	WL quarterly only
830		X				Data logger
832		X				Low flow; dup to 2nd lab
835		X				Low flow; dup to 2nd lab
836		X				Low flow; dup to 2nd lab
837					X	Data logger only
838		X				Low flow
839		X				Low flow
841		X				Low flow; data logger; WL quarterly

**Sampling Frequencies for Locations at
Shiprock, New Mexico**

Wells	Quarterly	Semiannually	Annually	Biennially	Not Sampled	Notes
Monitor Wells						
SHP02						
843					X	Data logger only
846		X				Low flow
848					X	Data logger only
1007					X	WL quarterly only
1057		X				
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
1079		X				Low flow
Surface Locations						
SHP01						
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
959		X				Distributary channel just below 1st wash
965		X				San Juan River about 1500' below dist. Channel
1205		X				San Juan River E of well 853
SHP02						
425		X				Escarpment Seep; flow rate; dup to 2nd lab
426		X				Escarpment Seep; flow rate; dup to 2nd lab
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
933		X				1st wash W of Highway 666
934		X				2nd wash W of Highway 666
936		X				Seep between 1st & 2nd washes
942		X				Pond NW of 847
958					Odd year	Helium lateral canal where water comes into canal at pump station; next in 3/05

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 2004
5-SC			X			Begin sampling in 2004
51-SC			X			Begin sampling in 2004
54-SC			X			Begin sampling in 2004
10-DC			X			Begin sampling in 2004
5-DC			X			Begin sampling in 2004
19-DC			X			Begin sampling in 2004
K.G.S.#3			X			Begin sampling in 2004

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			
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	Water level only
261			X			August
262			X			August
263			X			August
264			X			August
265			X			August
266			X			August
267			X			
268		X				
271			X			
683			X			
684			X			
685			X			
686		X				DATA LOGGER
687		X				DATA LOGGER
688		X				DATA LOGGER
689		X				
690		X				
691		X				
692		X				
695		X				
901			X			August
902					X	Water level only
903		X				
904				Odd year		August
905					X	Water level only
906		X				DATA LOGGER
907					X	Water level only
908		X				DATA LOGGER
909		X				DATA LOGGER
910					X	Water level only
911					X	Water level only
912			X			August
913			X			August
914			X			August
915				Odd year		August
916				Odd year		August
917				Odd year		August
918					X	Water level only
919					X	Water level only
920				Odd year		August
921				Odd year		August
925					X	Water level only
926					X	Water level only
928					X	Water level only
929			X			

**Sampling Frequencies for Locations at
Tuba City, Arizona**

Wells	Quarterly	Semiannually	Annually	Biennially	Not Sampled	Notes
Monitor Wells						
930		X				
932		X				
933					X	Water level only
934		X				DATA LOGGER
935		X				
936		X				DATA LOGGER
938					X	Water level only
939					X	Water level only
940		X				DATA LOGGER
941		X				DATA LOGGER
942		X				DATA LOGGER
943		X				DATA LOGGER
945		X				
946		X				DATA LOGGER
947				Even year		Dry well; March 2002; DATA LOGGER
948					X	Water level only
968					X	Water level only
970					X	Water level only
971					X	Water level only
972					X	Water level only
1003		X				
1004		X				
1005					X	Water level only
1006					X	Water level only
1007					X	Water level only
1008					X	Water level only
1101		X				
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				
1124		X				
1125		X				

**Sampling Frequencies for Locations at
Tuba City, Arizona**

Wells	Quarterly	Semiannually	Annually	Biennially	Not Sampled	Notes
Surface Locations						
759				Even year		In March 2002
778				Even year		In March 2002
965				Even year		In March 2002
969				Odd year		In February 2003
1569		X				North evap pond
1570		X				South evap pond
1571		X				Jimmy Spr West
1572		X				Jimmy Spr East
1573		X				West pipe Shonto Well
1574		X				East pipe Shonto Well
Treatment System Locations						
1200		X				N. sump leachate
1201		X				S. sump leachate
1202		X				Soft water feed tank
1203		X				Effluent from Ion Exchange Column
1204		X				Effluent from degassifier
1205		X				Distillate from evaporator
1206		X				Brine from evaporator
1207		X				Regeneration waster (beginning of cycle)
1208		X				Regeneration waster (end of cycle)

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				
Chemical Plant Monitor Wells						
MW-2012		X				
MW-2013		X				

**Sampling Frequencies for Locations at
Weldon Spring, Missouri**

Wells	Monthly	Quarterly	Semiannually	Annually	Not Sampled	Notes
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			
Chemical Plant Monitor Wells						
MW-4002				X		
MW-4006			X			
MW-4007			X			
MW-4011			X			
MW-4013			X			

**Sampling Frequencies for Locations at
Weldon Spring, Missouri**

Wells	Monthly	Quarterly	Semiannually	Annually	Not Sampled	Notes
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 Process. Site		Durango Disposal Site	
	Ground Water	Surface Water	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	0	0	5	3	13	7	7	0
<i>Field Measurements</i>														
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	
<i>Laboratory Measurements</i>														
Aluminum														
Ammonium														
Antimony														
Arsenic														
Beryllium														
Bromide														
Cadmium											612 & 863 only	X		
Calcium							X	X	X	X			X	
Chloride					108, 109, 110, and 111 only		X	X	X	X			X	
Chromium														
Fluoride														
Gamma Spec														
Gross Alpha														
Gross Beta														
Iron							X	X					X	
Lead							X	X						
Lead-210														
Magnesium							X	X	X	X			X	
Manganese									X	X	All Mill Tailings Area locations		X	
Molybdenum	X		E(M), T(M), F(M), and X(M) only				X	X	X	X	All Mill Tailings Area locations	X	X	

Constituent Sampling Breakdown For Individual Sites

Site Analyte	Ambrosia Lake		Bluewater		Bear Creek		Burrell		Canonsburg		Durango Process. Site		Durango Disposal Site	
	Ground Water	Surface Water	Ground Water	Surface Water	Ground Water	Surface Water	Ground Water	Surface Water	Ground Water	Surface Water	Ground Water	Surface Water	Ground Water	Surface Water
<i>Laboratory Measurements (continued)</i>														
Nickel					X									
Nickel-63														
Nitrate	X							X	X					
PCBs			E(M), Y2(M), T(M), F(M), and X(M) only											
Phosphate														
Polonium-210														
Potassium								X	X	X	X			X
Radium-226					X									
Radium-228					X									
Selenium	X		All except Y2(M)		9, 12, 14, 43, and 74 only			X	X			X	X	X
Silica														
Sodium								X	X	X	X			X
Strontium														
Sulfate	X				108, 109, 110, and 111 only			X	X	X	X	All Mill Tailings Area locations		X
Sulfide														
Thallium														
Thorium-230					9, 12, 14, 43, and 74 only									
Tin														
Total Dissolved Solids								X	X			X		X
Total Organic Carbon														
Uranium	X		All except Y2(M)		X			X	X	X	X	X	X	X
Vanadium														
Zinc														
Total No. of Analytes	5	0	4	0	8	0	13	13	9	9	7	4	12	0

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	Ambrosia Lake		Bluewater		Bear Creek		Burrell		Canonsburg		Durango Process. Site		Durango Disposal Site	
	Ground Water	Surface Water	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	0	0	5	3	13	7	7	0
<i>Field Measurements</i>														
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	
<i>Laboratory Measurements</i>														
Aluminum														
Ammonium														
Antimony														
Arsenic														
Beryllium														
Bromide														
Cadmium											612 & 863 only	X		
Calcium							X	X	X	X			X	
Chloride					108, 109, 110, and 111 only		X	X	X	X			X	
Chromium														
Fluoride														
Gamma Spec														
Gross Alpha														
Gross Beta														
Iron							X	X					X	
Lead							X	X						
Lead-210														
Magnesium							X	X	X	X			X	
Manganese									X	X	All Mill Tailings Area locations		X	
Molybdenum	X		E(M), I(M), F(M), and X(M) only				X	X	X	X	All Mill Tailings Area locations	X	X	

Constituent Sampling Breakdown For Individual Sites

Site Analyte	Ambrosia Lake		Bluewater		Bear Creek		Burrell		Canonsburg		Durango Process. Site		Durango Disposal Site	
	Ground Water	Surface Water	Ground Water	Surface Water	Ground Water	Surface Water	Ground Water	Surface Water	Ground Water	Surface Water	Ground Water	Surface Water	Ground Water	Surface Water
<i>Laboratory Measurements (continued)</i>														
Nickel					X									
Nickel-63														
Nitrate	X						X	X						
PCBs			E(M), Y2(M), T(M), F(M), and X(M) only											
Phosphate														
Polonium-210														
Potassium							X	X	X	X			X	
Radium-226					X									
Radium-228					X									
Selenium	X		All except Y2(M)		9, 12, 14, 43, and 74 only		X	X			X	X	X	
Silica														
Sodium							X	X	X	X			X	
Strontium														
Sulfate	X				108, 109, 110, and 111 only		X	X	X	X	All Mill Tailings Area locations		X	
Sulfide														
Thallium														
Thorium-230					9, 12, 14, 43, and 74 only									
Tin														
Total Dissolved Solids							X	X			X		X	
Total Organic Carbon														
Uranium	X		All except Y2(M)		X		X	X	X	X	X	X	X	
Vanadium														
Zinc														
Total No. of Analytes	5	0	4	0	8	0	13	13	9	9	7	4	12	0

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		GJT-Millsite		GRJ-Disposal Cell		GJO-Office Facility		Green River	
	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	4	6	0	8	7	22	2
<i>Field Measurements</i>										
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
<i>Laboratory Measurements</i>										
Aluminum	X									
Ammonium	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 Analyte	Falls City		GJT-Millsite		GRJ-Disposal Cell		GJO-Office Facility		Green River	
	Ground Water	Surface Water	Ground Water	Surface Water	Ground Water	Surface Water	Ground Water	Surface Water	Ground Water	Surface Water
<i>Laboratory Measurements (Continued)</i>										
Nickel	X									
Nickel-63										
Nitrate	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	4	4	8	0	11	11	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 the field parameters.

Constituent Sampling Breakdown For Individual Sites

Site	Gunnison Processing Site		Gunnison Disposal Site		Hallam		Lakeview Processing Site		Lakeview Disposal Site		L-Bar		Lowman	
	Ground Water	Surface Water	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.	22	5	0	0	17	0	5	0	9	0	10	0	6	1
<i>Field Measurements</i>														
Alkalinity	X	X	X		X		X	X	X				X	X
Dissolved Oxygen														
Redox Potential	X	X	X		X		X	X	X				X	X
pH	X	X	X		X		X	X	X		X		X	X
Specific Conductance	X	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
<i>Laboratory Measurements</i>														
Aluminum														
Ammonium														
Antimony													X	X
Arsenic									X					
Boron														
Beryllium														
Bromide														
Cadmium									X					
Calcium									X				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									X				X	X
Manganese	X	X					X		X				X	X
Molybdenum														

Constituent Sampling Breakdown For Individual Sites

Site	Gunnison Processing Site		Gunnison Disposal Site		Hallam		Lakeview Processing Site		Lakeview Disposal Site		L-Bar		Lowman	
	Ground Water	Surface Water	Ground Water	Surface Water	Ground Water	Surface Water	Ground Water	Surface Water	Ground Water	Surface Water	Ground Water	Surface Water	Ground Water	Surface Water
<i>Laboratory Measurements (Continued)</i>														
Nickel														
Nickel-63					X									
Nitrate											X			
PCBs														
Phosphate														
Polonium-210														
Potassium									X				X	X
Radium-226														
Radium-228														
Selenium											X			
Silica									X					
Sodium									X				X	X
Strontium														
Sulfate	X	X					X		X		X		X	X
Sulfide														
Thallium														
Thorium-230														
Tin														
Total Dissolved Solids	X	X					X		X		X		X	X
Total Organic Carbon														
Tritium					X									
Uranium	X	X	X				X		X		X			
Uranium-234, -238														
Vanadium														
Zinc														
Total Analytes	4	4	1		5	0	4	0	13		6	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 the field parameters.

Constituent Sampling Breakdown For Individual Sites

Site	Mexican Hat		Monument Valley		Naturita Processing Site		Naturita Disposal Site		Rifle (2)				Riverton	
	Ground Water	Surface Water	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	0	6	19	0	5	5	0	0	44	13	11	4		
Field Measurements									RFO	RFN	RFO	RFN		
Alkalinity		X	X		X	X	X		X	X	X	X		
Dissolved Oxygen														
Redox Potential		X	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		
Temperature		X	X		X	X	X		X	X	X	X		
Laboratory Measurements									RFO	RFN	RFO	RFN		
Aluminum														
Ammonium		X	X							X	X			
Antimony														
Arsenic							X		X	X				
Barium														
Bromide														
Cadmium											X			
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					X		X	X	X	X		

Constituent Sampling Breakdown For Individual Sites

Site Analyte	Mexican Hat		Monument Valley		Naturita Processing Site		Naturita Disposal Site		Rifle (2)				Riverton	
	Ground Water	Surface Water	Ground Water	Surface Water	Ground Water	Surface Water	Ground Water	Surface Water	Ground Water	Surface Water	RFO	RFN	Ground Water	Surface Water
<i>Laboratory Measurements (Continued)</i>									RFO	RFN	RFO	RFN		
Nickel														
Nickel-63														
Nitrate		X	X							X		X		
Nitrite														
PCBs														
Phosphate														
Polonium-210														
Potassium		X												
Radium-226		X												
Radium-228		X												
Selenium									X	X	X	X		
Silica														
Sodium		X												
Strontium														
Sulfate		X	X										X	X
Sulfide														
Thallium														
Thorium-230													X	X
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	X
Uranium-234, -238														
Vanadium		X			X	X			X	X	X	X		
Zinc														
Total Analytes	0	13	4	0	3	3	3	0	4	10	4	12	5	5

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	
	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	42	40	8	0	13	6	163	15
<i>Field Measurements</i>												
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	X	X	
Temperature	X		X		X	X	X		X	X	X	X
<i>Laboratory Measurements</i>												
Aluminum												
Ammonium					X	X					X	
Antimony												
Arsenic											X	X
Barium												
Beryllium												
Bromide												
BTEX									319			
Cadmium							X					1569, 1570, 1200, and 1201 only
Calcium					X	X					X	X
Chloride			X		X	X	X				X	X
Chromium							X					
Cobalt												
Gamma Spec												
Gross Alpha											X	X
Gross Beta												
Iron											X	X
Lead							X					1569, 1570, 1200, and 1201 only
Lead-210												
Magnesium					X	X					X	X
Manganese					X	X			318, 320, 508, 510,684	347, 349, 693, 694	X	X
Mercury												1569, 1570, 1200, and 1201 only
Molybdenum	X	X							317, 318, 320, 508, 510, 684	347, 349, 693, 694	X	X

Constituent Sampling Breakdown For Individual Sites

Site	Salt Lake City		Sherwood		Shiprock		Shirley Basin South		Slick Rock (2)		Tuba City	
	Ground Water	Surface Water	Ground Water	Surface Water	Ground Water	Surface Water	Ground Water	Surface Water	Ground Water	Surface Water	Ground Water	Surface Water
<i>Laboratory Measurements (Continued)</i>												
Nickel							X					
Nickel-63												
Nitrate					X	X	X		318, 320, 324, 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, 324, 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
Total Organic Carbon												
Tritium												
Uranium	X	X			X	X	X		303, 305, 307, 309, 311, 318, 320, 508, 510, 684	X all samples	X	X
Uranium-234, -238												X
Vanadium												
VOCs												
Zinc												
Total Analytes	2	2	3	0	13	12	13	0	9	5	18	20

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	Parkersburg	
	Ground Water	Surface Water
Analyte		
Approx. No. Samples/yr	2	0
<i>Field Measurements</i>		
Alkalinity	X	
Dissolved Oxygen		
Redox Potential	X	
pH	X	
Specific Conductance	X	
Turbidity	X	
Temperature	X	
<i>Laboratory Measurements</i>		
Aluminum		
Ammonium		
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	
	Ground Water	Surface Water
Analyte		
<i>Laboratory Measurements (Continued)</i>		
Nickel	X	
Nitrate	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	MOAB	
Analyte	Ground Water	Surface Water
Approx No. Samples/yr	102	32
<i>Field Measurements</i>		
Alkalinity	X	X
Dissolved Oxygen	X	X
Redox Potential	X	X
pH	X	X
Specific Conductance	X	X
Turbidity	X	
Temperature	X	X
<i>Laboratory Measurements</i>		
Aluminum		
Ammonium	X	X
Antimony		
Arsenic	X	
Barium		X
Beryllium		
Boron	X	X
Bromide		
Cadmium	X	
Calcium	Annually in Aug	Annually in Aug
Chloride	X	X
Chromium		
Cobalt		
Copper		
Fluoride	X	
Gamma Spec		
Gross Alpha	X	X
Gross Beta		
Iron	X	Annually in Aug
Lead		
Lead-210		
Lithium	X	
Magnesium	Annually in Aug	Annually in Aug
Manganese	X	X
Mercury		
Molybdenum	X	X

Constituent Sampling Breakdown

Site	MOAB	
	Ground Water	Surface Water
Analyte		
<i>Laboratory Measurements (Continued)</i>		
Nickel		
Nickel-63		
Nitrate	X	
PCBs		
Phosphate		
Polonium-210		
Potassium	Annually in Aug	Annually in Aug
Radium-226	X	
Radium-228	X	
Selenium	X	X
Silica		
Silver		
Sodium	X	Annually in Aug
Strontium	X	X
Sulfate	X	X
Sulfide		
Thallium		
Thorium-230		
Tin		
Total Dissolved Solids	X	X
Total Organic Carbon		
Uranium	X	X
Uranium-234, -238		
Vanadium	X	
All Appendix IX listed constituents		
VOCs		
Zinc		
Total No. of Analytes	24	17

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	WELDON	
Analyte	Ground Water	Surface Water
Approx No. Samples/yr	277	60
<i>Field Measurements</i>		
Alkalinity		
Dissolved Oxygen	X	X
Redox Potential	X	X
pH	X	X
Specific Conductance	X	X
Turbidity	X	
Temperature	X	X
<i>Laboratory Measurements</i>		
Aluminum		
Ammonium		
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	
	Ground Water	Surface Water
Analyte		
<i>Laboratory Measurements (Continued)</i>		
Nickel	12	12
Nickel-63		
Nitrate	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.