

US EPA ARCHIVE DOCUMENT



IEPA permitted groundwater locations
Varsho, Jesse to: Steve Johnson
Cc: "Chris Coulter", "George Armstrong", "Ron Welk"

09/22/2010 05:06 PM

History: This message has been replied to.

Hello Steve,

Per your request, attached is the most recent IEPA permitted groundwater locations at the Clinton Landfill along with a schedule well phasing and nested screen depths. The chemical waste unit groundwater wells are designated with a CWU label. If you have any questions, please give me a call.

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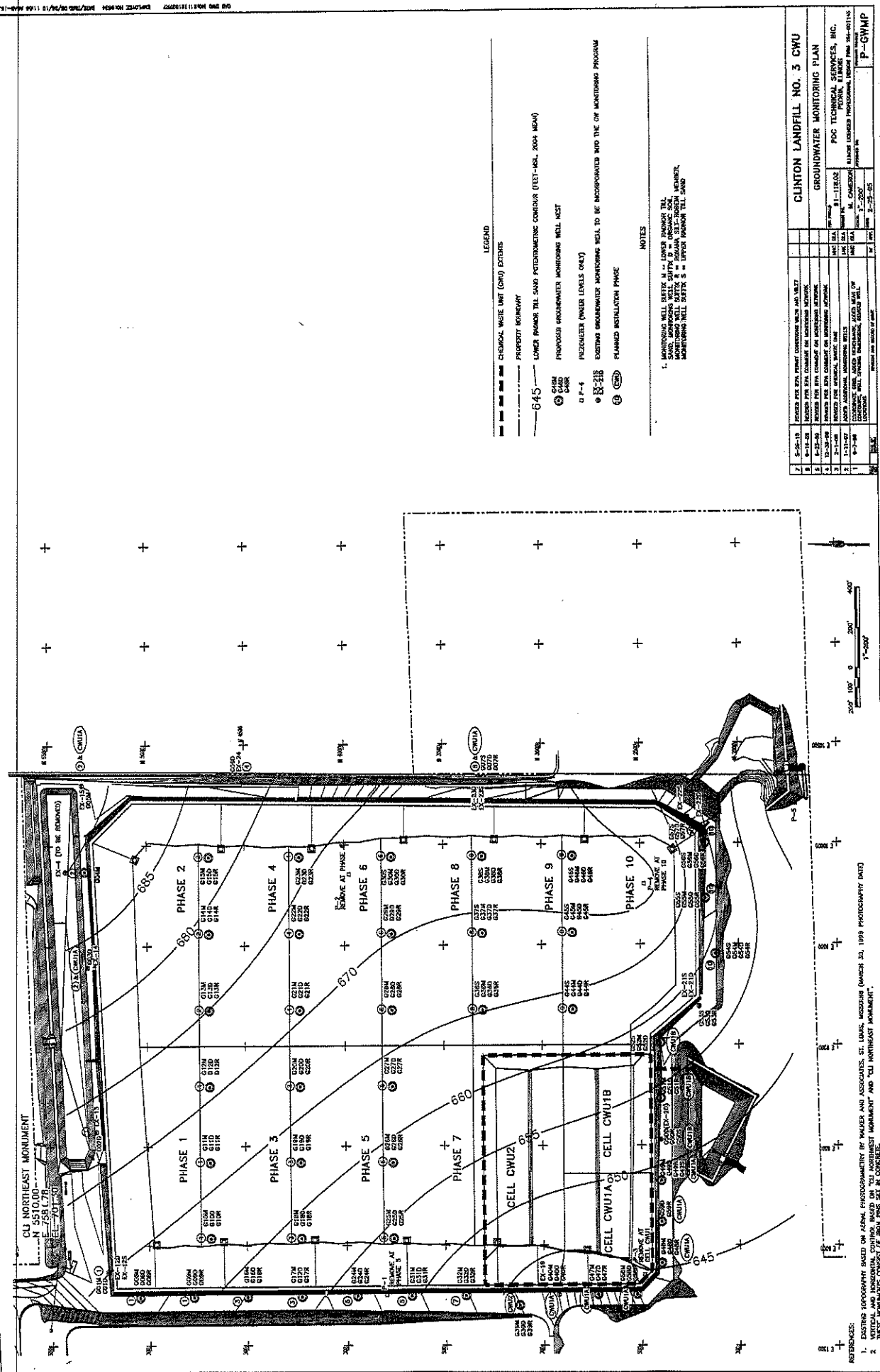


TABLE 812.317-1
MONITORING WELL PHASING PLAN
Clinton Landfill No. 3

Operating Phase	Monitoring Well	Designation	Well Screen		Notes
			Geologic Unit	Elevation (ft-MSL)	
1	G01M*	Upgradient	LR	644.3 - 643.2	Existing well EX-12S
	G01D*	Sidegradient	OS	637.4 - 633.6	Existing well EX-12D
	G02D*	Upgradient	OS	634.8 - 631.0	Existing well EX-13
	G08M	Downgradient	LR	644.0 - 643.0	To be installed if unit encountered
	G08D	Downgradient	OS	637.0 - 633.0	
	G08R	Downgradient	RR	667.0 - 661.0	
	G09M	Downgradient	LR	644.0 - 643.0	To be installed if unit encountered
	G09D	Downgradient	OS	633.0 - 632.0	
	G09R	Downgradient	RR	667.0 - 661.0	
	G10M	Downgradient	LR	644.0 - 643.0	To be installed if unit encountered
	G10D	Downgradient	OS	633.0 - 632.0	
	G10R	Downgradient	RR	667.0 - 661.0	
	G11M	Downgradient	LR	640.0 - 639.0	To be installed if unit encountered
	G11D	Downgradient	OS	635.0 - 632.0	
	G11R	Downgradient	RR	667.0 - 661.0	
	G12M	Downgradient	LR	641.0 - 640.0	To be installed if unit encountered
CWU1A	G12D	Downgradient	OS	640.0 - 637.0	
	G12R	Downgradient	RR	667.0 - 661.0	
	G03D*	Upgradient	OS	643.7 - 641.2	Existing well EX-14
	G05M*	Upgradient	LR	642.3 - 638.8	Existing well EX-15
	G07S*	Upgradient	UR	651.4 - 649.8	Existing well EX-23S
	G07D*	Upgradient	OS	632.8 - 622.8	Existing well EX-23D
	G07R	Downgradient	RR	667.0 - 661.0	
	G40M	Downgradient	LR	640.9 - 637.4	Existing well EX-19
	G40D	Downgradient	OS	636.0 - 630.0	
	G40R	Downgradient	RR	667.0 - 661.0	
	G47M	Downgradient	LR	641.0 - 636.0	To be installed if unit encountered
	G47D	Downgradient	OS	635.0 - 630.0	
	G47R	Downgradient	RR	667.0 - 663.0	
	G48M	Downgradient	LR	641.0 - 636.0	To be installed if unit encountered
	G48D	Downgradient	OS	635.0 - 630.0	
	G48R	Downgradient	RR	668.0 - 663.0	
	G49M	Downgradient	LR	640.0 - 636.0	To be installed if unit encountered
	G49D	Downgradient	OS	634.0 - 632.0	
	G49R	Downgradient	RR	668.0 - 663.0	
	G49S	Downgradient	UR	650.0 - 647.0	To be installed if unit encountered
CWU1B	G58M	Downgradient	LR	641.0 - 636.0	To be installed if unit encountered
	G58D	Downgradient	OS	635.0 - 630.0	
	G58R	Downgradient	RR	667.0 - 663.0	
	G59D	Downgradient	OS	634.0 - 631.0	
	G59R	Downgradient	RR	667.0 - 661.0	
	G03D*	Upgradient	OS	643.7 - 641.2	Existing well EX-14
	G05M*	Upgradient	LR	642.3 - 638.8	Existing well EX-15
	G07S*	Upgradient	UR	651.4 - 649.8	Existing well EX-23S
	G07D*	Upgradient	OS	632.8 - 622.8	Existing well EX-23D
	G07R	Upgradient	RR	667.0 - 661.0	
CWU1B	G40M	Downgradient	LR	640.9 - 637.4	Existing well EX-19
	G40D	Downgradient	OS	636.0 - 630.0	
	G40R	Downgradient	RR	667.0 - 661.0	
	G47M	Downgradient	LR	641.0 - 636.0	To be installed if unit encountered
	G47D	Downgradient	OS	635.0 - 630.0	
CWU1B	G47R	Downgradient	RR	667.0 - 663.0	

TABLE 812.317-1
MONITORING WELL PHASING PLAN
Clinton Landfill No. 3

Operating Phase	Monitoring Well	Designation	Well Screen		Notes
			Geologic Unit	Elevation (ft-MSL)	
Continued	G48M	Downgradient	LR	641.0 - 636.0	To be installed if unit encountered
	G48D	Downgradient	OS	635.0 - 630.0	
	G48R	Downgradient	RR	668.0 - 663.0	
	G49M	Downgradient	LR	640.0 - 636.0	To be installed if unit encountered
	G49D	Downgradient	OS	634.0 - 632.0	
	G49R	Downgradient	RR	668.0 - 663.0	
	G49S	Downgradient	UR	650.0 - 647.0	To be installed if unit encountered
	G50D	Downgradient	OS	634.0 - 632.0	
	G50R	Downgradient	RR	667.0 - 661.0	
	G50S	Downgradient	UR	650.0 - 647.0	To be installed if unit encountered
	G51M	Downgradient	LR	640.0 - 636.0	To be installed if unit encountered
	G51D	Downgradient	OS	634.0 - 632.0	
	G51R	Downgradient	RR	667.0 - 661.0	
	G52S	Downgradient	UR	650.0 - 647.0	
	G52M	Downgradient	LR	640.0 - 636.0	To be installed if unit encountered
	G52D	Downgradient	OS	634.0 - 631.0	
	G52R	Downgradient	RR	667.0 - 661.0	
	G58M	Downgradient	LR	641.0 - 636.0	To be installed if unit encountered
	G58D	Downgradient	OS	635.0 - 630.0	
	G58R	Downgradient	RR	667.0 - 663.0	
	G59D	Downgradient	OS	634.0 - 631.0	
	G59R	Downgradient	RR	667.0 - 661.0	
CWU2	G03D*	Upgradient	OS	643.7 - 641.2	Existing well EX-14
	G05M*	Upgradient	LR	642.3 - 638.8	Existing well EX-15
	G07S*	Upgradient	UR	651.4 - 649.8	Existing well EX-23S
	G07D*	Upgradient	OS	632.8 - 622.8	Existing well EX-23D
	G07R	Downgradient	RR	667.0 - 661.0	
	G39M#	Downgradient	LR	641.0 - 637.0	To be installed if unit encountered
	G39D#	Downgradient	OS	636.0 - 630.0	
	G39R#	Downgradient	RR	667.0 - 661.0	
	G40M	Downgradient	LR	640.9 - 637.4	Existing well EX-19
	G40D	Downgradient	OS	636.0 - 630.0	
	G40R	Downgradient	RR	667.0 - 661.0	
	G47M	Downgradient	LR	641.0 - 636.0	To be installed if unit encountered
	G47D	Downgradient	OS	635.0 - 630.0	
	G47R	Downgradient	RR	667.0 - 663.0	
	G48M	Downgradient	LR	641.0 - 636.0	To be installed if unit encountered
	G48D	Downgradient	OS	635.0 - 630.0	
	G48R	Downgradient	RR	668.0 - 663.0	
	G49M	Downgradient	LR	640.0 - 636.0	To be installed if unit encountered
	G49D	Downgradient	OS	634.0 - 632.0	
	G49R	Downgradient	RR	668.0 - 663.0	
	G49S	Downgradient	UR	650.0 - 647.0	To be installed if unit encountered
	G50D	Downgradient	OS	634.0 - 632.0	
	G50R	Downgradient	RR	667.0 - 661.0	
	G50S	Downgradient	UR	650.0 - 647.0	To be installed if unit encountered
	G51M	Downgradient	LR	640.0 - 636.0	To be installed if unit encountered
	G51D	Downgradient	OS	634.0 - 632.0	
	G51R	Downgradient	RR	667.0 - 661.0	
CWU2 Continued	G52S	Downgradient	UR	650.0 - 647.0	
	G52M	Downgradient	LR	640.0 - 636.0	To be installed if unit encountered
	G52D	Downgradient	OS	634.0 - 631.0	

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MONITORING WELL PHASING PLAN
Clinton Landfill No. 3

Operating Phase	Monitoring Well	Designation	Well Screen		Notes
			Geologic Unit	Elevation (ft-MSL)	
	G52R	Downgradient	RR	667.0 - 661.0	
	G58M	Downgradient	LR	641.0 - 636.0	To be installed if unit encountered
	G58D	Downgradient	OS	635.0 - 630.0	
	G58R	Downgradient	RR	667.0 - 663.0	
	G59D	Downgradient	OS	634.0 - 631.0	
	G59R	Downgradient	RR	667.0 - 661.0	
2	G01M*	Upgradient	LR	644.3 - 643.2	Existing well EX-12S
	G01D*	Sidegradient	OS	637.4 - 633.65	Existing well EX-12D
	G02D*	Upgradient	OS	634.8 - 631.0	Existing well EX-13
	G03D*	Upgradient	OS	643.7 - 641.2	Existing well EX-14
	G04M	Upgradient	LR	638.3 - 635.5	To be installed if unit encountered
	G05M*	Upgradient	LR	642.3 - 638.8	Existing well EX-15
	G08M	Downgradient	LR	644.0 - 643.0	To be installed if unit encountered
	G08D	Downgradient	OS	637.0 - 633.0	
	G08R	Downgradient	RR	667.0 - 661.0	
	G09M	Downgradient	LR	644.0 - 643.0	To be installed if unit encountered
	G09D	Downgradient	OS	633.0 - 632.0	
	G09R	Downgradient	RR	667.0 - 661.0	
	G10M	Downgradient	LR	644.0 - 643.0	To be installed if unit encountered
	G10D	Downgradient	OS	633.0 - 632.0	
	G10R	Downgradient	RR	667.0 - 661.0	
	G11M	Downgradient	LR	640.0 - 639.0	To be installed if unit encountered
	G11D	Downgradient	OS	635.0 - 632.0	
	G11R	Downgradient	RR	667.0 - 661.0	
	G12M	Downgradient	LR	641.0 - 640.0	To be installed if unit encountered
	G12D	Downgradient	OS	640.0 - 637.0	
	G12R	Downgradient	RR	667.0 - 661.0	
	G13M	Downgradient	LR	642.0 - 639.0	To be installed if unit encountered
	G13D	Downgradient	OS	638.0 - 636.0	
	G13R	Downgradient	RR	667.0 - 661.0	
	G14M	Downgradient	LR	642.0 - 639.0	To be installed if unit encountered
	G14D	Downgradient	OS	638.0 - 636.0	
	G14R	Downgradient	RR	667.0 - 661.0	
	G15M	Downgradient	LR	642.0 - 639.0	To be installed if unit encountered
	G15D	Downgradient	OS	638.0 - 636.0	
	G15R	Downgradient	RR	667.0 - 661.0	
	G39M#	Downgradient	LR	641.0 - 637.0	To be installed if unit encountered
	G39D#	Downgradient	OS	636.0 - 630.0	
	G39R#	Downgradient	RR	667.0 - 661.0	
	G07S*	Upgradient	UR	651.4 - 649.8	Existing well EX-23S
	G07D*	Upgradient	OS	632.8 - 622.8	Existing well EX-23D
	G07R	Downgradient	RR	667.0 - 661.0	
	G40M	Downgradient	LR	640.9 - 637.4	Existing well EX-19
	G40D	Downgradient	OS	636.0 - 630.0	
	G40R	Downgradient	RR	667.0 - 661.0	
	G58M	Downgradient	LR	641.0 - 636.0	To be installed if unit encountered
	G58D	Downgradient	OS	635.0 - 630.0	
2 Continued	G58R	Downgradient	RR	667.0 - 663.0	
	G47M	Downgradient	LR	641.0 - 636.0	To be installed if unit encountered
	G47D	Downgradient	OS	635.0 - 630.0	
	G47R	Downgradient	RR	667.0 - 663.0	
	G48M	Downgradient	LR	641.0 - 636.0	To be installed if unit encountered

TABLE 812.317-1
MONITORING WELL PHASING PLAN
Clinton Landfill No. 3

Operating Phase	Monitoring Well	Designation	Well Screen		Notes
			Geologic Unit	Elevation (ft-MSL)	
	G48D	Downgradient	OS	635.0 - 630.0	
	G48R	Downgradient	RR	668.0 - 663.0	
	G49M	Downgradient	LR	640.0 - 636.0	To be installed if unit encountered
	G49D	Downgradient	OS	634.0 - 632.0	
	G49R	Downgradient	RR	668.0 - 663.0	
	G49S	Downgradient	UR	650.0 - 647.0	To be installed if unit encountered
	G50D	Downgradient	OS	634.0 - 632.0	
	G50R	Downgradient	RR	667.0 - 661.0	
	G50S	Downgradient	UR	650.0 - 647.0	To be installed if unit encountered
	G51M	Downgradient	LR	640.0 - 636.0	To be installed if unit encountered
	G51D	Downgradient	OS	634.0 - 632.0	
	G51R	Downgradient	RR	667.0 - 661.0	
	G52S	Downgradient	UR	650.0 - 647.0	
	G52M	Downgradient	LR	640.0 - 636.0	To be installed if unit encountered
	G52D	Downgradient	OS	634.0 - 631.0	
	G52R	Downgradient	RR	667.0 - 661.0	
	G59D	Downgradient	OS	634.0 - 631.0	
	G59R	Downgradient	RR	667.0 - 661.0	
3	G01M*	Upgradient	LR	644.3 - 643.2	Existing well EX-12S
	G01D*	Sidegradient	OS	637.4 - 633.65	Existing well EX-12D
	G02D*	Upgradient	OS	634.8 - 631.0	Existing well EX-13
	G03D*	Upgradient	OS	643.7 - 641.2	Existing well EX-14
	G04M	Upgradient	LR	638.3 - 635.5	To be installed if unit encountered
	G05M*	Upgradient	LR	642.3 - 638.8	Existing well EX-15
	G08M	Downgradient	LR	644.0 - 643.0	To be installed if unit encountered
	G08D	Downgradient	OS	637.0 - 633.0	
	G08R	Downgradient	RR	667.0 - 661.0	
	G09M	Downgradient	LR	644.0 - 643.0	To be installed if unit encountered
	G09D	Downgradient	OS	633.0 - 632.0	
	G09R	Downgradient	RR	667.0 - 661.0	
	G13M	Downgradient	LR	642.0 - 639.0	To be installed if unit encountered
	G13D	Downgradient	OS	638.0 - 636.0	
	G13R	Downgradient	RR	667.0 - 661.0	
	G14M	Downgradient	LR	642.0 - 639.0	To be installed if unit encountered
	G14D	Downgradient	OS	638.0 - 636.0	
	G14R	Downgradient	RR	667.0 - 661.0	
	G15M	Downgradient	LR	642.0 - 639.0	To be installed if unit encountered
	G15D	Downgradient	OS	638.0 - 636.0	
	G15R	Downgradient	RR	667.0 - 661.0	
	G16M	Downgradient	LR	644.0 - 643.0	To be installed if unit encountered
	G16D	Downgradient	OS	637.0 - 633.0	
	G16R	Downgradient	RR	667.0 - 661.0	
	G17M	Downgradient	LR	643.0 - 641.0	To be installed if unit encountered
	G17D	Downgradient	OS	636.0 - 632.0	
	G17R	Downgradient	RR	667.0 - 661.0	
3 Continued	G18M	Downgradient	LR	643.0 - 641.0	To be installed if unit encountered
	G18D	Downgradient	OS	637.0 - 633.0	
	G18R	Downgradient	RR	667.0 - 661.0	
	G19M	Downgradient	LR	641.0 - 640.0	To be installed if unit encountered
	G19D	Downgradient	OS	637.0 - 633.0	
	G19R	Downgradient	RR	667.0 - 661.0	
	G20M	Downgradient	LR	642.0 - 640.0	To be installed if unit encountered

TABLE 812.317-1
MONITORING WELL PHASING PLAN
Clinton Landfill No. 3

Operating Phase	Monitoring Well	Designation	Well Screen		Notes
			Geologic Unit	Elevation (ft-MSL)	
	G20D	Downgradient	OS	637.0 - 633.0	
	G20R	Downgradient	RR	667.0 - 661.0	
	G39M#	Downgradient	LR	641.0 - 637.0	To be installed if unit encountered
	G39D#	Downgradient	OS	636.0 - 630.0	
	G39R#	Downgradient	RR	667.0 - 661.0	
	G07S*	Upgradient	UR	651.4 - 649.8	Existing well EX-23S
	G07D*	Upgradient	OS	632.8 - 622.8	Existing well EX-23D
	G07R	Downgradient	RR	667.0 - 661.0	
	G40M	Downgradient	LR	640.9 - 637.4	Existing well EX-19
	G40D	Downgradient	OS	636.0 - 630.0	
	G40R	Downgradient	RR	667.0 - 661.0	
	G58M	Downgradient	LR	641.0 - 636.0	To be installed if unit encountered
	G58D	Downgradient	OS	635.0 - 630.0	
	G58R	Downgradient	RR	667.0 - 663.0	
	G47M	Downgradient	LR	641.0 - 636.0	To be installed if unit encountered
	G47D	Downgradient	OS	635.0 - 630.0	
	G47R	Downgradient	RR	667.0 - 663.0	
	G48M	Downgradient	LR	641.0 - 636.0	To be installed if unit encountered
	G48D	Downgradient	OS	635.0 - 630.0	
	G48R	Downgradient	RR	668.0 - 663.0	
	G49M	Downgradient	LR	640.0 - 636.0	To be installed if unit encountered
	G49D	Downgradient	OS	634.0 - 632.0	
	G49R	Downgradient	RR	668.0 - 663.0	
	G49S	Downgradient	UR	650.0 - 647.0	To be installed if unit encountered
	G50D	Downgradient	OS	634.0 - 632.0	
	G50R	Downgradient	RR	667.0 - 661.0	
	G50S	Downgradient	UR	650.0 - 647.0	To be installed if unit encountered
	G51M	Downgradient	LR	640.0 - 636.0	To be installed if unit encountered
	G51D	Downgradient	OS	634.0 - 632.0	
	G51R	Downgradient	RR	667.0 - 661.0	
	G52S	Downgradient	UR	650.0 - 647.0	
	G52M	Downgradient	LR	640.0 - 636.0	To be installed if unit encountered
	G52D	Downgradient	OS	634.0 - 631.0	
	G52R	Downgradient	RR	667.0 - 661.0	
	G59D	Downgradient	OS	634.0 - 631.0	
	G59R	Downgradient	RR	667.0 - 661.0	
4	G01M*	Upgradient	LR	644.3 - 643.2	Existing well EX-12S
	G01D*	Sidegradient	OS	637.4 - 633.65	Existing well EX-12D
	G02D*	Upgradient	OS	634.8 - 631.0	Existing well EX-13
	G03D*	Upgradient	OS	643.7 - 641.2	Existing well EX-14
	G04M	Upgradient	LR	638.3 - 635.5	To be installed if unit encountered
	G05M*	Upgradient	LR	642.3 - 638.8	Existing well EX-15
	G06D*	Upgradient	OS	637.4 - 632.3	Existing well EX-24
4 Continued	G08M	Downgradient	LR	644.0 - 643.0	To be installed if unit encountered
	G08D	Downgradient	OS	637.0 - 633.0	
	G08R	Downgradient	RR	667.0 - 661.0	
	G09M	Downgradient	LR	644.0 - 643.0	To be installed if unit encountered
	G09D	Downgradient	OS	633.0 - 632.0	
	G09R	Downgradient	RR	667.0 - 661.0	
	G16M	Downgradient	LR	644.0 - 643.0	To be installed if unit encountered
	G16D	Downgradient	OS	637.0 - 633.0	
	G16R	Downgradient	RR	667.0 - 661.0	

TABLE 812.317-1
MONITORING WELL PHASING PLAN
Clinton Landfill No. 3

Operating Phase	Monitoring Well	Designation	Well Screen		Notes
			Geologic Unit	Elevation (ft-MSL)	
	G17M	Downgradient	LR	643.0 - 641.0	To be installed if unit encountered
	G17D	Downgradient	OS	636.0 - 632.0	
	G17R	Downgradient	RR	667.0 - 661.0	
	G18M	Downgradient	LR	643.0 - 641.0	To be installed if unit encountered
	G18D	Downgradient	OS	637.0 - 633.0	
	G18R	Downgradient	RR	667.0 - 661.0	
	G19M	Downgradient	LR	641.0 - 640.0	To be installed if unit encountered
	G19D	Downgradient	OS	637.0 - 633.0	
	G19R	Downgradient	RR	667.0 - 661.0	
	G20M	Downgradient	LR	642.0 - 640.0	To be installed if unit encountered
	G20D	Downgradient	OS	637.0 - 633.0	
	G20R	Downgradient	RR	667.0 - 661.0	
	G21M	Downgradient	LR	642.0 - 640.0	To be installed if unit encountered
	G21D	Downgradient	OS	637.0 - 633.0	
	G21R	Downgradient	RR	667.0 - 661.0	
	G22M	Downgradient	LR	644.0 - 639.0	To be installed if unit encountered
	G22D	Downgradient	OS	637.0 - 633.0	
	G22R	Downgradient	RR	667.0 - 661.0	
	G23M	Downgradient	LR	645.0 - 638.0	To be installed if unit encountered
	G23D	Downgradient	OS	637.0 - 632.0	
	G23R	Downgradient	RR	667.0 - 661.0	
	G39M#	Downgradient	LR	641.0 - 637.0	To be installed if unit encountered
	G39D#	Downgradient	OS	636.0 - 630.0	
	G39R#	Downgradient	RR	667.0 - 661.0	
	G07S*	Upgradient	UR	651.4 - 649.8	Existing well EX-23S
	G07D*	Upgradient	OS	632.8 - 622.8	Existing well EX-23D
	G07R	Downgradient	RR	667.0 - 661.0	
	G40M	Downgradient	LR	640.9 - 637.4	Existing well EX-19
	G40D	Downgradient	OS	636.0 - 630.0	
	G40R	Downgradient	RR	667.0 - 661.0	
	G58M	Downgradient	LR	641.0 - 636.0	To be installed if unit encountered
	G58D	Downgradient	OS	635.0 - 630.0	
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	G47M	Downgradient	LR	641.0 - 636.0	To be installed if unit encountered
	G47D	Downgradient	OS	635.0 - 630.0	
	G47R	Downgradient	RR	667.0 - 663.0	
	G48M	Downgradient	LR	641.0 - 636.0	To be installed if unit encountered
	G48D	Downgradient	OS	635.0 - 630.0	
	G48R	Downgradient	RR	668.0 - 663.0	
	G49M	Downgradient	LR	640.0 - 636.0	To be installed if unit encountered
	G49D	Downgradient	OS	634.0 - 632.0	
4 Continued	G49R	Downgradient	RR	668.0 - 663.0	
	G49S	Downgradient	UR	650.0 - 647.0	To be installed if unit encountered
	G50D	Downgradient	OS	634.0 - 632.0	
	G50R	Downgradient	RR	667.0 - 661.0	
	G50S	Downgradient	UR	650.0 - 647.0	To be installed if unit encountered
	G51M	Downgradient	LR	640.0 - 636.0	To be installed if unit encountered
	G51D	Downgradient	OS	634.0 - 632.0	
	G51R	Downgradient	RR	667.0 - 661.0	
	G52S	Downgradient	UR	650.0 - 647.0	
	G52M	Downgradient	LR	640.0 - 636.0	To be installed if unit encountered
	G52D	Downgradient	OS	634.0 - 631.0	

TABLE 812.317-1
MONITORING WELL PHASING PLAN
Clinton Landfill No. 3

Operating Phase	Monitoring Well	Designation	Well Screen		Notes
			Geologic Unit	Elevation (ft-MSL)	
5	G52R	Downgradient	RR	667.0 - 661.0	
	G59D	Downgradient	OS	634.0 - 631.0	
	G59R	Downgradient	RR	667.0 - 661.0	
	G01M*	Upgradient	LR	644.3 - 643.2	Existing well EX-12S
	G01D*	Sidegradient	OS	637.4 - 633.65	Existing well EX-12D
	G02D*	Upgradient	OS	634.8 - 631.0	Existing well EX-13
	G03D*	Upgradient	OS	643.7 - 641.2	Existing well EX-14
	G04M	Upgradient	LR	638.3 - 635.5	To be installed if unit encountered
	G05M*	Upgradient	LR	642.3 - 638.8	Existing well EX-15
	G06D*	Upgradient	OS	637.4 - 632.3	Existing well EX-24
	G08M	Downgradient	LR	644.0 - 643.0	To be installed if unit encountered
	G08D	Downgradient	OS	637.0 - 633.0	
	G08R	Downgradient	RR	667.0 - 661.0	
	G09M	Downgradient	LR	644.0 - 643.0	To be installed if unit encountered
	G09D	Downgradient	OS	633.0 - 632.0	
	G09R	Downgradient	RR	667.0 - 661.0	
	G16M	Downgradient	LR	644.0 - 643.0	To be installed if unit encountered
	G16D	Downgradient	OS	637.0 - 633.0	
	G16R	Downgradient	RR	667.0 - 661.0	
	G17M	Downgradient	LR	643.0 - 641.0	To be installed if unit encountered
	G17D	Downgradient	OS	636.0 - 632.0	
	G17R	Downgradient	RR	667.0 - 661.0	
	G21M	Downgradient	LR	642.0 - 640.0	To be installed if unit encountered
	G21D	Downgradient	OS	637.0 - 633.0	
	G21R	Downgradient	RR	667.0 - 661.0	
	G22M	Downgradient	LR	644.0 - 639.0	To be installed if unit encountered
	G22D	Downgradient	OS	637.0 - 633.0	
	G22R	Downgradient	RR	667.0 - 661.0	
	G23M	Downgradient	LR	645.0 - 638.0	To be installed if unit encountered
	G23D	Downgradient	OS	637.0 - 632.0	
	G23R	Downgradient	RR	667.0 - 661.0	
	G24M	Downgradient	LR	645.0 - 638.0	To be installed if unit encountered
	G24D	Downgradient	OS	636.0 - 632.0	
	G24R	Downgradient	RR	667.0 - 661.0	
	G25M	Downgradient	LR	642.0 - 639.0	To be installed if unit encountered
	G25D	Downgradient	OS	636.0 - 633.0	
	G25R	Downgradient	RR	667.0 - 661.0	
	G26M	Downgradient	LR	645.0 - 640.0	To be installed if unit encountered
	G26D	Downgradient	OS	636.0 - 633.0	
5 Continued	G26R	Downgradient	RR	667.0 - 661.0	
	G27M	Downgradient	LR	653.0 - 652.0	To be installed if unit encountered
	G27D	Downgradient	OS	650.0 - 648.0	
	G27R	Downgradient	RR	667.0 - 661.0	
	G31M	Downgradient	LR	642.0 - 639.0	To be installed if unit encountered
	G31D	Downgradient	OS	632.0 - 622.0	
	G31R	Downgradient	RR	667.0 - 661.0	
	G39M#	Downgradient	LR	641.0 - 637.0	To be installed if unit encountered
	G39D#	Downgradient	OS	636.0 - 630.0	
	G39R#	Downgradient	RR	667.0 - 661.0	
	G07S*	Upgradient	UR	651.4 - 649.8	Existing well EX-23S
	G07D*	Upgradient	OS	632.8 - 622.8	Existing well EX-23D
	G07R	Downgradient	RR	667.0 - 661.0	

TABLE 812.317-1
MONITORING WELL PHASING PLAN
Clinton Landfill No. 3

Operating Phase	Monitoring Well	Designation	Well Screen		Notes
			Geologic Unit	Elevation (ft-MSL)	
	G40M	Downgradient	LR	640.9 - 637.4	Existing well EX-19
	G40D	Downgradient	OS	636.0 - 630.0	
	G40R	Downgradient	RR	667.0 - 661.0	
	G58M	Downgradient	LR	641.0 - 636.0	To be installed if unit encountered
	G58D	Downgradient	OS	635.0 - 630.0	
	G58R	Downgradient	RR	667.0 - 663.0	
	G47M	Downgradient	LR	641.0 - 636.0	To be installed if unit encountered
	G47D	Downgradient	OS	635.0 - 630.0	
	G47R	Downgradient	RR	667.0 - 663.0	
	G48M	Downgradient	LR	641.0 - 636.0	To be installed if unit encountered
	G48D	Downgradient	OS	635.0 - 630.0	
	G48R	Downgradient	RR	668.0 - 663.0	
	G49M	Downgradient	LR	640.0 - 636.0	To be installed if unit encountered
	G49D	Downgradient	OS	634.0 - 632.0	
	G49R	Downgradient	RR	668.0 - 663.0	
	G49S	Downgradient	UR	650.0 - 647.0	To be installed if unit encountered
	G50D	Downgradient	OS	634.0 - 632.0	
	G50R	Downgradient	RR	667.0 - 661.0	
	G50S	Downgradient	UR	650.0 - 647.0	To be installed if unit encountered
	G51M	Downgradient	LR	640.0 - 636.0	To be installed if unit encountered
	G51D	Downgradient	OS	634.0 - 632.0	
	G51R	Downgradient	RR	667.0 - 661.0	
	G52S	Downgradient	UR	650.0 - 647.0	
	G52M	Downgradient	LR	640.0 - 636.0	To be installed if unit encountered
	G52D	Downgradient	OS	634.0 - 631.0	
	G52R	Downgradient	RR	667.0 - 661.0	
	G59D	Downgradient	OS	634.0 - 631.0	
	G59R	Downgradient	RR	667.0 - 661.0	
6	G01M*	Upgradient	LR	644.3 - 643.2	Existing well EX-12S
	G01D*	Sidegradient	OS	637.4 - 633.65	Existing well EX-12D
	G02D*	Upgradient	OS	634.8 - 631.0	Existing well EX-13
	G03D*	Upgradient	OS	643.7 - 641.2	Existing well EX-14
	G04M	Upgradient	LR	638.3 - 635.5	To be installed if unit encountered
	G05M*	Upgradient	LR	642.3 - 638.8	Existing well EX-15
	G06D*	Upgradient	OS	637.4 - 632.3	Existing well EX-24
	G08M	Downgradient	LR	644.0 - 643.0	To be installed if unit encountered
6 Continued	G08D	Downgradient	OS	637.0 - 633.0	
	G08R	Downgradient	RR	667.0 - 661.0	
	G09M	Downgradient	LR	644.0 - 643.0	To be installed if unit encountered
	G09D	Downgradient	OS	633.0 - 632.0	
	G09R	Downgradient	RR	667.0 - 661.0	
	G16M	Downgradient	LR	644.0 - 643.0	To be installed if unit encountered
	G16D	Downgradient	OS	637.0 - 633.0	
	G16R	Downgradient	RR	667.0 - 661.0	
	G17M	Downgradient	LR	643.0 - 641.0	To be installed if unit encountered
	G17D	Downgradient	OS	636.0 - 632.0	
	G17R	Downgradient	RR	667.0 - 661.0	
	G24M	Downgradient	LR	645.0 - 638.0	To be installed if unit encountered
	G24D	Downgradient	OS	636.0 - 632.0	
	G24R	Downgradient	RR	667.0 - 661.0	
	G25M	Downgradient	LR	642.0 - 639.0	To be installed if unit encountered
	G25D	Downgradient	OS	636.0 - 633.0	

TABLE 812.317-1
MONITORING WELL PHASING PLAN
Clinton Landfill No. 3

Operating Phase	Monitoring Well	Designation	Well Screen		Notes
			Geologic Unit	Elevation (ft-MSL)	
	G25R	Downgradient	RR	667.0 - 661.0	
	G26M	Downgradient	LR	645.0 - 640.0	To be installed if unit encountered
	G26D	Downgradient	OS	636.0 - 633.0	
	G26R	Downgradient	RR	667.0 - 661.0	
	G27M	Downgradient	LR	653.0 - 652.0	To be installed if unit encountered
	G27D	Downgradient	OS	650.0 - 648.0	
	G27R	Downgradient	RR	667.0 - 661.0	
	G28M	Downgradient	LR	653.0 - 652.0	To be installed if unit encountered
	G28D	Downgradient	OS	650.0 - 648.0	
	G28R	Downgradient	RR	667.0 - 661.0	
	G29M	Downgradient	LR	653.0 - 652.0	To be installed if unit encountered
	G29D	Downgradient	OS	650.0 - 649.0	
	G29R	Downgradient	RR	667.0 - 661.0	
	G30S	Downgradient	UR	653.0 - 652.0	To be installed if unit encountered
	G30M	Downgradient	LR	652.0 - 651.0	To be installed if unit encountered
	G30D	Downgradient	OS	650.0 - 649.0	
	G30R	Downgradient	RR	667.0 - 661.0	
	G31M	Downgradient	LR	642.0 - 639.0	To be installed if unit encountered
	G31D	Downgradient	OS	632.0 - 622.0	
	G31R	Downgradient	RR	667.0 - 661.0	
	G39M#	Downgradient	LR	641.0 - 637.0	To be installed if unit encountered
	G39D#	Downgradient	OS	636.0 - 630.0	
	G39R#	Downgradient	RR	667.0 - 661.0	
	G07S*	Upgradient	UR	651.4 - 649.8	Existing well EX-23S
	G07D*	Upgradient	OS	632.8 - 622.8	Existing well EX-23D
	G07R	Upgradient	RR	667.0 - 661.0	
	G40M	Downgradient	LR	640.9 - 637.4	Existing well EX-19
	G40D	Downgradient	OS	636.0 - 630.0	
	G40R	Downgradient	RR	667.0 - 661.0	
	G58M	Downgradient	LR	641.0 - 636.0	To be installed if unit encountered
	G58D	Downgradient	OS	635.0 - 630.0	
	G58R	Downgradient	RR	667.0 - 663.0	
	G47M	Downgradient	LR	641.0 - 636.0	To be installed if unit encountered
	G47D	Downgradient	OS	635.0 - 630.0	
	G47R	Downgradient	RR	667.0 - 663.0	
6 Continued	G48M	Downgradient	LR	641.0 - 636.0	To be installed if unit encountered
	G48D	Downgradient	OS	635.0 - 630.0	
	G48R	Downgradient	RR	668.0 - 663.0	
	G49M	Downgradient	LR	640.0 - 636.0	To be installed if unit encountered
	G49D	Downgradient	OS	634.0 - 632.0	
	G49R	Downgradient	RR	668.0 - 663.0	
	G49S	Downgradient	UR	650.0 - 647.0	To be installed if unit encountered
	G50D	Downgradient	OS	634.0 - 632.0	
	G50R	Downgradient	RR	667.0 - 661.0	
	G50S	Downgradient	UR	650.0 - 647.0	To be installed if unit encountered
	G51M	Downgradient	LR	640.0 - 636.0	To be installed if unit encountered
	G51D	Downgradient	OS	634.0 - 632.0	
	G51R	Downgradient	RR	667.0 - 661.0	
	G52S	Downgradient	UR	650.0 - 647.0	
	G52M	Downgradient	LR	640.0 - 636.0	To be installed if unit encountered
	G52D	Downgradient	OS	634.0 - 631.0	
	G52R	Downgradient	RR	667.0 - 661.0	

TABLE 812.317-1
MONITORING WELL PHASING PLAN
Clinton Landfill No. 3

Operating Phase	Monitoring Well	Designation	Well Screen		Notes
			Geologic Unit	Elevation (ft-MSL)	
7	G59D	Downgradient	OS	634.0 - 631.0	
	G59R	Downgradient	RR	667.0 - 661.0	
	G01M*	Upgradient	LR	644.3 - 643.2	Existing well EX-12S
	G01D*	Sidegradient	OS	637.4 - 633.65	Existing well EX-12D
	G02D*	Upgradient	OS	634.8 - 631.0	Existing well EX-13
	G03D*	Upgradient	OS	643.7 - 641.2	Existing well EX-14
	G04M	Upgradient	LR	638.3 - 635.5	To be installed if unit encountered
	G05M*	Upgradient	LR	642.3 - 638.8	Existing well EX-15
	G06D*	Upgradient	OS	637.4 - 632.3	Existing well EX-24
	G08M	Downgradient	LR	644.0 - 643.0	To be installed if unit encountered
	G08D	Downgradient	OS	637.0 - 633.0	
	G08R	Downgradient	RR	667.0 - 661.0	
	G09M	Downgradient	LR	644.0 - 643.0	To be installed if unit encountered
	G09D	Downgradient	OS	633.0 - 632.0	
	G09R	Downgradient	RR	667.0 - 661.0	
	G16M	Downgradient	LR	644.0 - 643.0	To be installed if unit encountered
	G16D	Downgradient	OS	637.0 - 633.0	
	G16R	Downgradient	RR	667.0 - 661.0	
	G17M	Downgradient	LR	643.0 - 641.0	To be installed if unit encountered
	G17D	Downgradient	OS	636.0 - 632.0	
	G17R	Downgradient	RR	667.0 - 661.0	
	G24M	Downgradient	LR	645.0 - 638.0	To be installed if unit encountered
	G24D	Downgradient	OS	636.0 - 632.0	
	G24R	Downgradient	RR	667.0 - 661.0	
	G28M	Downgradient	LR	653.0 - 652.0	To be installed if unit encountered
	G28D	Downgradient	OS	650.0 - 648.0	
	G28R	Downgradient	RR	667.0 - 661.0	
	G29M	Downgradient	LR	653.0 - 652.0	To be installed if unit encountered
	G29D	Downgradient	OS	650.0 - 649.0	
	G29R	Downgradient	RR	667.0 - 661.0	
	G30S	Downgradient	UR	653.0 - 652.0	To be installed if unit encountered
	G30M	Downgradient	LR	652.0 - 651.0	To be installed if unit encountered
	G30D	Downgradient	OS	650.0 - 649.0	
7 Continued	G30R	Downgradient	RR	667.0 - 661.0	
	G31M	Downgradient	LR	642.0 - 639.0	To be installed if unit encountered
	G31D	Downgradient	OS	632.0 - 622.0	
	G31R	Downgradient	RR	667.0 - 661.0	
	G32M	Downgradient	LR	641.0 - 638.0	To be installed if unit encountered
	G32D	Downgradient	OS	636.0 - 630.0	
	G32R	Downgradient	RR	667.0 - 661.0	
	G39M#	Downgradient	LR	641.0 - 637.0	To be installed if unit encountered
	G39D#	Downgradient	OS	636.0 - 630.0	
	G39R#	Downgradient	RR	667.0 - 661.0	
	G07S*	Upgradient	UR	651.4 - 649.8	Existing well EX-23S
	G07D*	Upgradient	OS	632.8 - 622.8	Existing well EX-23D
	G07R	Downgradient	RR	667.0 - 661.0	
	G40M	Downgradient	LR	640.9 - 637.4	Existing well EX-19
	G40D	Downgradient	OS	636.0 - 630.0	
	G40R	Downgradient	RR	667.0 - 661.0	
	G58M	Downgradient	LR	641.0 - 636.0	To be installed if unit encountered
	G58D	Downgradient	OS	635.0 - 630.0	
	G58R	Downgradient	RR	667.0 - 663.0	

TABLE 812.317-1
MONITORING WELL PHASING PLAN
Clinton Landfill No. 3

Operating Phase	Monitoring Well	Designation	Well Screen		Notes
			Geologic Unit	Elevation (ft-MSL)	
	G47M	Downgradient	LR	641.0 - 636.0	To be installed if unit encountered
	G47D	Downgradient	OS	635.0 - 630.0	
	G47R	Downgradient	RR	667.0 - 663.0	
	G48M	Downgradient	LR	641.0 - 636.0	To be installed if unit encountered
	G48D	Downgradient	OS	635.0 - 630.0	
	G48R	Downgradient	RR	668.0 - 663.0	
	G49M	Downgradient	LR	640.0 - 636.0	To be installed if unit encountered
	G49D	Downgradient	OS	634.0 - 632.0	
	G49R	Downgradient	RR	668.0 - 663.0	
	G49S	Downgradient	UR	650.0 - 647.0	To be installed if unit encountered
	G50D	Downgradient	OS	634.0 - 632.0	
	G50R	Downgradient	RR	667.0 - 661.0	
	G50S	Downgradient	UR	650.0 - 647.0	To be installed if unit encountered
	G51M	Downgradient	LR	640.0 - 636.0	To be installed if unit encountered
	G51D	Downgradient	OS	634.0 - 632.0	
	G51R	Downgradient	RR	667.0 - 661.0	
	G52S	Downgradient	UR	650.0 - 647.0	
	G52M	Downgradient	LR	640.0 - 636.0	To be installed if unit encountered
	G52D	Downgradient	OS	634.0 - 631.0	
	G52R	Downgradient	RR	667.0 - 661.0	
	G59D	Downgradient	OS	634.0 - 631.0	
	G59R	Downgradient	RR	667.0 - 661.0	
8	G01M*	Upgradient	LR	644.3 - 643.2	Existing well EX-12S
	G01D*	Sidegradient	OS	637.4 - 633.65	Existing well EX-12D
	G02D*	Upgradient	OS	634.8 - 631.0	Existing well EX-13
	G03D*	Upgradient	OS	643.7 - 641.2	Existing well EX-14
	G04M	Upgradient	LR	638.3 - 635.5	To be installed if unit encountered
	G05M*	Upgradient	LR	642.3 - 638.8	Existing well EX-15
	G06D*	Upgradient	OS	637.4 - 632.3	Existing well EX-24
	G07S*	Upgradient	UR	651.4 - 649.8	Existing well EX-23S
	G07D*	Upgradient	OS	632.8 - 622.8	Existing well EX-23D
8 Continued	G07R	Downgradient	RR	667.0 - 661.0	
	G08M	Downgradient	LR	644.0 - 643.0	To be installed if unit encountered
	G08D	Downgradient	OS	637.0 - 633.0	
	G08R	Downgradient	RR	667.0 - 661.0	
	G09M	Downgradient	LR	644.0 - 643.0	To be installed if unit encountered
	G09D	Downgradient	OS	633.0 - 632.0	
	G09R	Downgradient	RR	667.0 - 661.0	
	G16M	Downgradient	LR	644.0 - 643.0	To be installed if unit encountered
	G16D	Downgradient	OS	637.0 - 633.0	
	G16R	Downgradient	RR	667.0 - 661.0	
	G17M	Downgradient	LR	643.0 - 641.0	To be installed if unit encountered
	G17D	Downgradient	OS	636.0 - 632.0	
	G17R	Downgradient	RR	667.0 - 661.0	
	G24M	Downgradient	LR	645.0 - 638.0	To be installed if unit encountered
	G24D	Downgradient	OS	636.0 - 632.0	
	G24R	Downgradient	RR	667.0 - 661.0	
	G31M	Downgradient	LR	642.0 - 639.0	To be installed if unit encountered
	G31D	Downgradient	OS	632.0 - 622.0	
	G31R	Downgradient	RR	667.0 - 661.0	
	G32M	Downgradient	LR	641.0 - 638.0	To be installed if unit encountered
	G32D	Downgradient	OS	636.0 - 630.0	

TABLE 812.317-1
MONITORING WELL PHASING PLAN
Clinton Landfill No. 3

Operating Phase	Monitoring Well	Designation	Well Screen		Notes
			Geologic Unit	Elevation (ft-MSL)	
	G32R	Downgradient	RR	667.0 - 661.0	
	G36S	Downgradient	UR	651.0 - 649.0	To be installed if unit encountered
	G36M	Downgradient	LR	648.0 - 645.0	To be installed if unit encountered
	G36D	Downgradient	OS	635.0 - 630.0	
	G36R	Downgradient	RR	667.0 - 661.0	
	G37S	Downgradient	UR	652.0 - 651.0	To be installed if unit encountered
	G37M	Downgradient	LR	650.0 - 648.0	To be installed if unit encountered
	G37D	Downgradient	OS	633.0 - 623.0	
	G37R	Downgradient	RR	667.0 - 661.0	
	G38S	Downgradient	UR	653.0 - 652.0	To be installed if unit encountered
	G38M	Downgradient	LR	650.0 - 648.0	To be installed if unit encountered
	G38D	Downgradient	OS	632.0 - 622.0	
	G38R	Downgradient	RR	667.0 - 661.0	
	G39M#	Downgradient	LR	641.0 - 637.0	To be installed if unit encountered
	G39D#	Downgradient	OS	636.0 - 630.0	
	G39R#	Downgradient	RR	667.0 - 661.0	
	G40M	Downgradient	LR	640.9 - 637.4	Existing well EX-19
	G40D	Downgradient	OS	636.0 - 630.0	
	G40R	Downgradient	RR	667.0 - 661.0	
	G58M	Downgradient	LR	641.0 - 636.0	To be installed if unit encountered
	G58D	Downgradient	OS	635.0 - 630.0	
	G58R	Downgradient	RR	667.0 - 663.0	
	G47M	Downgradient	LR	641.0 - 636.0	To be installed if unit encountered
	G47D	Downgradient	OS	635.0 - 630.0	
	G47R	Downgradient	RR	667.0 - 663.0	
	G48M	Downgradient	LR	641.0 - 636.0	To be installed if unit encountered
	G48D	Downgradient	OS	635.0 - 630.0	
	G48R	Downgradient	RR	668.0 - 663.0	
	G49M	Downgradient	LR	640.0 - 636.0	To be installed if unit encountered
8 Continued	G49D	Downgradient	OS	634.0 - 632.0	
	G49R	Downgradient	RR	668.0 - 663.0	
	G49S	Downgradient	UR	650.0 - 647.0	To be installed if unit encountered
	G50D	Downgradient	OS	634.0 - 632.0	
	G50R	Downgradient	RR	667.0 - 661.0	
	G50S	Downgradient	UR	650.0 - 647.0	To be installed if unit encountered
	G51M	Downgradient	LR	640.0 - 636.0	To be installed if unit encountered
	G51D	Downgradient	OS	634.0 - 632.0	
	G51R	Downgradient	RR	667.0 - 661.0	
	G52S	Downgradient	UR	650.0 - 647.0	
	G52M	Downgradient	LR	640.0 - 636.0	To be installed if unit encountered
	G52D	Downgradient	OS	634.0 - 631.0	
	G52R	Downgradient	RR	667.0 - 661.0	
	G59D	Downgradient	OS	634.0 - 631.0	
	G59R	Downgradient	RR	667.0 - 661.0	
9	G01M*	Upgradient	LR	644.3 - 643.2	Existing well EX-12S
	G01D*	Sidegradient	OS	637.4 - 633.65	Existing well EX-12D
	G02D*	Upgradient	OS	634.8 - 631.0	Existing well EX-13
	G03D*	Upgradient	OS	643.7 - 641.2	Existing well EX-14
	G04M	Upgradient	LR	638.3 - 635.5	To be installed if unit encountered
	G05M*	Upgradient	LR	642.3 - 638.8	Existing well EX-15
	G06D*	Upgradient	OS	637.4 - 632.3	Existing well EX-24
	G07S*	Upgradient	UR	651.4 - 649.8	Existing well EX-23S

TABLE 812.317-1
MONITORING WELL PHASING PLAN
Clinton Landfill No. 3

Operating Phase	Monitoring Well	Designation	Well Screen		Notes
			Geologic Unit	Elevation (ft-MSL)	
	G07D*	Upgradient	OS	632.8 - 622.8	Existing well EX-23D
	G07R	Downgradient	RR	667.0 - 661.0	
	G08M	Downgradient	LR	644.0 - 643.0	To be installed if unit encountered
	G08D	Downgradient	OS	637.0 - 633.0	
	G08R	Downgradient	RR	667.0 - 661.0	
	G09M	Downgradient	LR	644.0 - 643.0	To be installed if unit encountered
	G09D	Downgradient	OS	633.0 - 632.0	
	G09R	Downgradient	RR	667.0 - 661.0	
	G16M	Downgradient	LR	644.0 - 643.0	To be installed if unit encountered
	G16D	Downgradient	OS	637.0 - 633.0	
	G16R	Downgradient	RR	667.0 - 661.0	
	G17M	Downgradient	LR	643.0 - 641.0	To be installed if unit encountered
	G17D	Downgradient	OS	636.0 - 632.0	
	G17R	Downgradient	RR	667.0 - 661.0	
	G24M	Downgradient	LR	645.0 - 638.0	To be installed if unit encountered
	G24D	Downgradient	OS	636.0 - 632.0	
	G24R	Downgradient	RR	667.0 - 661.0	
	G31M	Downgradient	LR	642.0 - 639.0	To be installed if unit encountered
	G31D	Downgradient	OS	632.0 - 622.0	
	G31R	Downgradient	RR	667.0 - 661.0	
	G32M	Downgradient	LR	641.0 - 638.0	To be installed if unit encountered
	G32D	Downgradient	OS	636.0 - 630.0	
	G32R	Downgradient	RR	667.0 - 661.0	
	G39M#	Downgradient	LR	641.0 - 637.0	To be installed if unit encountered
	G39D#	Downgradient	OS	636.0 - 630.0	
	G39R#	Downgradient	RR	667.0 - 661.0	
	G44S	Downgradient	UR	653.0 - 652.0	To be installed if unit encountered
9 Continued	G44M	Downgradient	LR	642.08 - 638.0	To be installed if unit encountered
	G44D	Downgradient	OS	632.0 - 628.0	
	G44R	Downgradient	RR	667.0 - 661.0	
	G45S	Downgradient	UR	653.0 - 652.0	To be installed if unit encountered
	G45M	Downgradient	LR	640.0 - 636.0	To be installed if unit encountered
	G45D	Downgradient	OS	631.0 - 628.0	
	G45R	Downgradient	RR	667.0 - 661.0	
	G46S	Downgradient	UR	652.0 - 650.0	To be installed if unit encountered
	G46M	Downgradient	LR	640.0 - 636.0	To be installed if unit encountered
	G46D	Downgradient	OS	632.0 - 625.0	
	G46R	Downgradient	RR	667.0 - 661.0	
	G40M	Downgradient	LR	640.9 - 637.4	Existing well EX-19
	G40D	Downgradient	OS	636.0 - 630.0	
	G40R	Downgradient	RR	667.0 - 661.0	
	G58M	Downgradient	LR	641.0 - 636.0	To be installed if unit encountered
	G58D	Downgradient	OS	635.0 - 630.0	
	G58R	Downgradient	RR	667.0 - 663.0	
	G47M	Downgradient	LR	641.0 - 636.0	To be installed if unit encountered
	G47D	Downgradient	OS	635.0 - 630.0	
	G47R	Downgradient	RR	667.0 - 663.0	
	G48M	Downgradient	LR	641.0 - 636.0	To be installed if unit encountered
	G48D	Downgradient	OS	635.0 - 630.0	
	G48R	Downgradient	RR	668.0 - 663.0	
	G49M	Downgradient	LR	640.0 - 636.0	To be installed if unit encountered
	G49D	Downgradient	OS	634.0 - 632.0	

TABLE 812.317-1
MONITORING WELL PHASING PLAN
Clinton Landfill No. 3

Operating Phase	Monitoring Well	Designation	Well Screen		Notes
			Geologic Unit	Elevation (ft-MSL)	
	G49R	Downgradient	RR	668.0 - 663.0	
	G49S	Downgradient	UR	650.0 - 647.0	To be installed if unit encountered
	G50D	Downgradient	OS	634.0 - 632.0	
	G50R	Downgradient	RR	667.0 - 661.0	
	G50S	Downgradient	UR	650.0 - 647.0	To be installed if unit encountered
	G51M	Downgradient	LR	640.0 - 636.0	To be installed if unit encountered
	G51D	Downgradient	OS	634.0 - 632.0	
	G51R	Downgradient	RR	667.0 - 661.0	
	G52S	Downgradient	UR	650.0 - 647.0	
	G52M	Downgradient	LR	640.0 - 636.0	To be installed if unit encountered
	G52D	Downgradient	OS	634.0 - 631.0	
	G52R	Downgradient	RR	667.0 - 661.0	
10	G01M*	Upgradient	LR	644.3 - 643.2	Existing well EX-12S
	G01D*	Sidegradient	OS	637.4 - 633.65	Existing well EX-12D
	G02D*	Upgradient	OS	634.8 - 631.0	Existing well EX-13
	G03D*	Upgradient	OS	643.7 - 641.2	Existing well EX-14
	G04M	Upgradient	LR	638.3 - 635.5	To be installed if unit encountered
	G05M*	Upgradient	LR	642.3 - 638.8	Existing well EX-15
	G06D*	Upgradient	OS	637.4 - 632.3	Existing well EX-24
	G07S*	Upgradient	UR	651.4 - 649.8	Existing well EX-23S
	G07D*	Upgradient	OS	632.8 - 622.8	Existing well EX-23D
	G07R	Downgradient	RR	667.0 - 661.0	
10 Continued	G08M	Downgradient	LR	644.0 - 643.0	To be installed if unit encountered
	G08D	Downgradient	OS	637.0 - 633.0	
	G08R	Downgradient	RR	667.0 - 661.0	
	G09M	Downgradient	LR	644.0 - 643.0	To be installed if unit encountered
	G09D	Downgradient	OS	633.0 - 632.0	
	G09R	Downgradient	RR	667.0 - 661.0	
	G16M	Downgradient	LR	644.0 - 643.0	To be installed if unit encountered
	G16D	Downgradient	OS	637.0 - 633.0	
	G16R	Downgradient	RR	667.0 - 661.0	
	G17M	Downgradient	LR	643.0 - 641.0	To be installed if unit encountered
	G17D	Downgradient	OS	636.0 - 632.0	
	G17R	Downgradient	RR	667.0 - 661.0	
	G24M	Downgradient	LR	645.0 - 638.0	To be installed if unit encountered
	G24D	Downgradient	OS	636.0 - 632.0	
	G24R	Downgradient	RR	667.0 - 661.0	
	G31M	Downgradient	LR	642.0 - 639.0	To be installed if unit encountered
	G31D	Downgradient	OS	632.0 - 622.0	
	G31R	Downgradient	RR	667.0 - 661.0	
	G32M	Downgradient	LR	641.0 - 638.0	To be installed if unit encountered
	G32D	Downgradient	OS	636.0 - 630.0	
	G32R	Downgradient	RR	667.0 - 661.0	
	G39M#	Downgradient	LR	641.0 - 637.0	To be installed if unit encountered
	G39D#	Downgradient	OS	636.0 - 630.0	
	G39R#	Downgradient	RR	667.0 - 661.0	
	G44S	Downgradient	UR	653.0 - 652.0	To be installed if unit encountered
	G44M	Downgradient	LR	642.08 - 638.0	To be installed if unit encountered
	G44D	Downgradient	OS	632.0 - 628.0	
	G44R	Downgradient	RR	667.0 - 661.0	
	G45S	Downgradient	UR	653.0 - 652.0	To be installed if unit encountered
	G45M	Downgradient	LR	640.0 - 636.0	To be installed if unit encountered

TABLE 812.317-1
MONITORING WELL PHASING PLAN
Clinton Landfill No. 3

Operating Phase	Monitoring Well	Designation	Well Screen		Notes
			Geologic Unit	Elevation (ft-MSL)	
	G45D	Downgradient	OS	631.0 - 628.0	
	G45R	Downgradient	RR	667.0 - 661.0	
	G46S	Downgradient	UR	652.0 - 650.0	To be installed if unit encountered
	G46M	Downgradient	LR	640.0 - 636.0	To be installed if unit encountered
	G46D	Downgradient	OS	632.0 - 625.0	
	G46R	Downgradient	RR	667.0 - 661.0	
	G53S*	Downgradient	UR	650.0 - 647.4	Existing well EX-21S
	G53D*	Downgradient	OS	640.4 - 637.0	Existing well EX-21D
	G53R	Downgradient	RR	667.0 - 661.0	
	G54S#	Downgradient	UR	650.0 - 647.0	To be installed if unit encountered
	G54M#	Downgradient	LR	640.0 - 636.0	To be installed if unit encountered
	G54D#	Downgradient	OS	633.0 - 629.0	
	G54R#	Downgradient	RR	667.0 - 661.0	
	G55S	Downgradient	UR	654.0 - 651.0	To be installed if unit encountered
	G55M	Downgradient	LR	640.0 - 636.0	To be installed if unit encountered
	G55D	Downgradient	OS	632.0 - 628.0	
	G55R	Downgradient	RR	667.0 - 661.0	
	G56S	Downgradient	UR	654.0 - 651.0	To be installed if unit encountered
	G56M	Downgradient	LR	640.0 - 636.0	To be installed if unit encountered
	G56D	Downgradient	OS	632.0 - 628.0	
	G56R	Downgradient	RR	667.0 - 661.0	
	G57S*	Downgradient	UR	653.9 - 651.1	Existing well EX-22S
	G57D*	Downgradient	OS	631.8 - 627.8	Existing well EX-22D
10 Continued	G57R	Downgradient	RR	667.0 - 661.0	
	G40M	Downgradient	LR	640.9 - 637.4	Existing well EX-19
	G40D	Downgradient	OS	636.0 - 630.0	
	G40R	Downgradient	RR	667.0 - 661.0	
	G58M	Downgradient	LR	641.0 - 636.0	To be installed if unit encountered
	G58D	Downgradient	OS	635.0 - 630.0	
	G58R	Downgradient	RR	667.0 - 663.0	
	G47M	Downgradient	LR	641.0 - 636.0	To be installed if unit encountered
	G47D	Downgradient	OS	635.0 - 630.0	
	G47R	Downgradient	RR	667.0 - 663.0	
	G48M	Downgradient	LR	641.0 - 636.0	To be installed if unit encountered
	G48D	Downgradient	OS	635.0 - 630.0	
	G48R	Downgradient	RR	668.0 - 663.0	
	G49M	Downgradient	LR	640.0 - 636.0	To be installed if unit encountered
	G49D	Downgradient	OS	634.0 - 632.0	
	G49R	Downgradient	RR	668.0 - 663.0	
	G49S	Downgradient	UR	650.0 - 647.0	To be installed if unit encountered
	G50D	Downgradient	OS	634.0 - 632.0	
	G50R	Downgradient	RR	667.0 - 661.0	
	G50S	Downgradient	UR	650.0 - 647.0	To be installed if unit encountered
	G51M	Downgradient	LR	640.0 - 636.0	To be installed if unit encountered
	G51D	Downgradient	OS	634.0 - 632.0	
	G51R	Downgradient	RR	667.0 - 661.0	
	G52S	Downgradient	UR	650.0 - 647.0	
	G52M	Downgradient	LR	640.0 - 636.0	To be installed if unit encountered
	G52D	Downgradient	OS	634.0 - 631.0	
	G52R	Downgradient	RR	667.0 - 661.0	
	G59D	Downgradient	OS	634.0 - 631.0	
	G59R	Downgradient	RR	667.0 - 661.0	

TABLE 812.317-1
MONITORING WELL PHASING PLAN
Clinton Landfill No. 3

Operating Phase	Monitoring Well	Designation	Well Screen		Notes
			Geologic Unit	Elevation (ft-MSL)	

* - Existing monitoring well; see "Comments" column for existing well name

- Compliance Boundary Well

"EX" designation denotes an existing well

Notes:

1. UR = Upper Radnor Till Sand; LR = Lower Radnor Till Sand; OS = Organic Soil; RR = Roxana Silt-Robein Member
2. Proposed monitoring well screen elevations are approximate elevations; wells will be screened at actual elevation of the geologic unit encountered during well drilling.
3. Existing piezometers P-1 through P-5 to be used for water level measurements only until removed during applicable construction phase.
4. The CWU monitoring wells will be installed prior to waste disposal within the adjacent CWU unit. This will be dependent upon a permit being obtained from the USEPA and upon construction of the CWU cells.