

**TABLE C-5  
MONITORING PROGRAM LOCATIONS AND SAMPLING INTERVALS  
HERCULES LLC AND PINOVA, INC.  
BRUNSWICK, GA**

Well ID	Aquifer Zone/Unit	Monitoring Schedule	Rationale For Sampling Location	Compound Groups (See Table C-7)				Rationale For Compound Group Selection	Compound Group Evaluation					
				Compound Group 1	Compound Group 2	Compound Group 3	Compound Group 4		SVOCs Detected Last 3 Years?	Metals Detected Last 3 Years Above GWPS?	Pesticides Detected Last 3 Years Above GWPS?	Formaldehyde Detected Last 3 Years?	Sulfide Detected Last 3 Years?	Dioxins/ Furans Detected Last 3 Years?
MW-1D	Shallow	Annual-Summer	Additional monitoring				X	Down-gradient of well POC-3S, Sample for Group 3 to confirm detected APIX compounds	NS	NS	NS	NS	No	NS
MW-3S	Shallow	Annual-Summer	Defines shallow extent (north)	X				Well monitors potential for lateral migration which will be led by Group 1	NS	NS	NS	NS	Yes	NS
MW-9S	Shallow	Annual-Winter	Defines shallow extent (southeast)	X				No history of Group 2 detections, Sample for Group 1	NS	NS	NS	NS	NS	NS
MW-12S	Shallow	Annual-Summer	Defines shallow extent (northeast)	X				Down-gradient of well MW-1D, Sample for Group 1	NS	NS	NS	NS	NS	NS
MW-23	Shallow	Semi-Annual	Additional monitoring		X			Limited data to support Group 1, Sample Group 2	NS	NS	NS	NS	NS	NS
MW-25S	Shallow	Annual-Winter	Defines shallow extent (south)	X				Well monitors potential lateral migration which will be led by Group 1	NS	NS	No	NS	NS	NS
POC-1S	Shallow	Annual-Summer	Point of compliance monitoring		X			Monitor Confirmed APIX Compound Trends	No	Yes	Yes	Yes	Yes	No
POC-2S	Shallow	Annual-Summer	Point of compliance monitoring		X			Monitor Confirmed APIX Compound Trends	Yes	Yes	Yes	Yes	Yes	No
POC-3S	Shallow	Annual-Summer	Point of compliance monitoring				X	Monitor Confirmed and Unconfirmed APIX Compounds	Yes	Yes	Yes	Yes	Yes	Yes
UP-1S	Shallow	Annual-Summer	Background monitoring				X	Monitor Background Concentrations	No	Yes	No	Yes	Yes	NS
MW-2D	Intermediate	Annual-Summer	Additional monitoring				X	Limited information in intermediate zone up-gradient, Sample for Group 3 to confirm detected APIX compounds	NS	NS	NS	NS	NS	NS
MW-39I	Intermediate	Annual-Winter	Defines intermediate extent (east)	X				No history of Group 2 detections, Sample for Group 1	No	No	No	Yes	No	NS
MW-41I	Intermediate	Annual-Summer	Defines intermediate extent (north)				X	Well monitors potential for lateral migration which will be led by Group 1	NS	NS	NS	NS	Yes	NS
MW-42I	Intermediate	Annual-Winter	Monitors intermediate extent (west)	X				Limited data to support Group 1, Sample Group 2	NS	NS	NS	NS	NS	NS
MW-55I	Intermediate	Annual-Summer	Defines intermediate extent (northeast)	X				Limited history of Group 2 detections, Sample for Group 1	Yes	NS	No	No	NS	NS
MW-11DD	Deep	Annual-Summer	Additional monitoring		X			History of Group 2 detections, Sample for Group 2	Yes	Yes	Yes	Yes	Yes	NS
MW-12D	Deep	Annual-Summer	Monitors deep extent (north)		X			Down-gradient of well POC-2D, Sample for Group 2	No	Yes	No	Yes	Yes	NS
MW-15D	Deep	Annual-Winter	Additional monitoring		X			Limited data to support Group 1, Sample Group 2	NS	NS	NS	NS	NS	NS
MW-28D	Deep	Annual-Summer	Additional monitoring	X				History of Group 2 detections, Sample for Group 2	Yes	Yes	Yes	Yes	Yes	NS
MW-39D	Deep	Annual-Winter	Defines deep extent to (northeast)	X				No history of Group 2 detections, Sample for Group 1	No	No	No	No	No	NS
MW-43D	Deep	Annual-Winter	Additional monitoring		X			Limited data to support Group 1, Sample Group 2	Yes	NS	Yes	NS	Yes	NS
MW-51D	Deep	Annual-Winter	Monitors deep extent to (south)	X				Well monitors potential for lateral migration which will be led by Group 1	NS	NS	NS	NS	NS	NS
MW-52D	Deep	Annual-Summer	Monitors deep extent to (north)	X				No history of Group 2 detections, Sample for Group 1	No	No	No	Yes	Yes	NS
MW-55D	Deep	Annual-Summer	Monitors deep extent to (east)	X				Limited history of Group 2 detections, Sample for Group 1	Yes	No	Yes	Yes	Yes	NS
POC-2D	Deep	Annual-Summer	Point of compliance monitoring			X		Monitor Confirmed APIX Compound Trends	Yes	Yes	Yes	Yes	No	No
POC-3D	Deep	Annual-Summer	Point of compliance monitoring			X		Monitor Confirmed APIX Compound Trends	Yes	Yes	Yes	Yes	No	No
UP-1D-R	Deep	Annual-Summer	Background well			X		Monitor Background Concentrations	No	Yes	No	Yes	No	NS
MW-13	Lower	Annual-Winter	Lower unit monitoring	X				Down-gradient of well MW-44D, Sample for Group 1	NS	NS	NS	NS	NS	NS
MW-44D	Lower	Annual-Winter	Lower unit monitoring	X				History of VOC and Pesticide impacts, Sample for Group 1	Yes	NS	Yes	NS	Yes	NS

Notes:

APIX = Appendix IX to 40 C.F.R. Part 264

NS = Compound group not sampled for during the last three years of groundwater monitoring

VOC = Volatile organic compounds

SVOC = Semi-volatile organic compounds