

CLIENT: **Textron**  
 PROJECT NAME: **Former TORX Facility**  
 LOCATION: **Rochester, Indiana**  
 PROJECT NO: **3359-09-2469**  
 GEOLOGIST: **D. Gross**  
 DATE DRILLED: **01/27-02/02/2009**

NORTHING: **2139314.54**  
 EASTING: **173016.72**  
 GROUND SURFACE ELEVATION (feet): **824.27**  
 TOP OF CASING ELEVATION (feet): **See Remarks.**  
 TOTAL DEPTH OF BORING (feet BGL): **173**

# B18 / MW18

SHEET 1 OF 4

STRATA	DEPTH FEET	DESCRIPTION	WELL CONSTRUCTION DETAIL	SAMPLE INFORMATION					RECOVERY / COMMENTS
				Sample Interval	ANALYTICAL RESULTS (ug/L)				
				Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE	Chloroform	
		SAND, silty, and gravel, gray-white. SAND, fine, moist, brown.	14-inch flushmount						3.0 ft. / 5.0 ft.
	10								8.0 ft. / 10.0 ft.
		SAND, medium to coarse, gravel, dark brown.	Bentonite Chips						7.3 ft. / 10.0ft.
	20	SILT, trace gravel, brown. GRAVEL, dry, gray.							
		SAND, fine, silty, trace gravel, moist, brown. SAND and GRAVEL, medium to coarse, moist, light brown to brown.							6.0 ft. / 10.0 ft.
	30		#5 Washed silica sand 2" x 5", 0.010-inch PVC slot screen	<1.0	<1.0	<1.0	<1.0	<1.0	
		SAND and GRAVEL, sand medium to coarse, and fine to medium gravel, saturated, brown. CLAY, some sand and gravel, hard, moist, gray.							11.0 ft. / 10.0 ft. (expansion)
	40		Bentonite Chips						
		SAND and GRAVEL, sand medium to coarse, and fine gravel, some coarse gravel, saturated, light olive brown. CLAY, silty, some fine to coarse sand and trace gravel, moist, gray.							

MWCD TORX.GPJ 8/12/09

Driller: **WDC Exploration & Wells**  
 Method (type & size): **4" x 6" Rotosonic**  
 Screened Interval (ft. bgs): **33.6-38.6; 58-63; & 159-164;**  
 Screen Size: **0.010 slot**  
 Well Material: **2-inch ID Schedule 40 PVC**  
 Grout Type: **Bentonite**

REMARKS **MW18(38.6) = 826.66; MW18(63) = 826.63; MW18(164) = 826.50**



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 Miamisburg, Ohio Office: (937) 859-3600

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				ANALYTICAL RESULTS ( ug/L )						
				Sample Interval	Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE	Chloroform	
		CLAY, silty, some fine to coarse sand and trace gravel, moist, gray. <i>(continued)</i>								9.5 ft. / 10.0 ft.
		SILT, sandy, saturated, gray.								
	60	SAND, medium, trace silt, moist, grayish-brown.	#5 Washed silica sand 2" x 5', 0.010-inch PVC slot screen							9.0 ft. / 10.0 ft.
		CLAY, some coarse sand and fine gravel, moist, gray.								Primary: 1,1-DCA = 1.8 Replicate: 1,1-DCA = 1.8
	70	SAND, fine to coarse, silty, some fine gravel, saturated, brown.								10.0 ft. / 10.0 ft.
	80									9.8 ft. / 10.0 ft.
	90									8.4 ft. / 10.0 ft.
	100	SAND and GRAVEL, medium to coarse, moist, light brown to brown. SAND, fine to coarse, silty, some fine gravel, saturated, brown.	Bentonite Chips							
		SILT, sandy, trace medium gravel, saturated, brown-gray.								6.4 ft. / 10.0 ft.
										9.9 ft. / 10.0 ft.

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				Sample Interval	ANALYTICAL RESULTS (ug/L)					
					Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE	Chloroform	
	110	SAND, fine to coarse, trace fine gravel, trace silty clay, saturated, brown-gray. (continued)			<1.0	<1.0	<1.0	<1.0	<1.0	8.8 ft. / 10.0 ft.
	120	SILT, sandy, very fine, saturated, brown-gray.			<1.0	<1.0	<1.0	<1.0	<1.0	
	130	SAND, fine to medium, some coarse sand, saturated, light yellow brown.			<1.0	<1.0	<1.0	<1.0	<1.0	8.0 ft. / 10.0 ft.
	140	SAND and GRAVEL, sand coarse, and fine gravel, trace cobbles, trace silty clay, saturated, brown-gray.			<1.0	<1.0	<1.0	<1.0	<1.0	
	150	CLAY, sandy, trace coarse sand, and fine to medium gravel, brown-gray.			<1.0	<1.0	<1.0	<1.0	<1.0	10.0 ft. / 10.0 ft.
		GRAVEL, sandy, clayey, fine cobbles, saturated, gray.			<1.0	<1.0	<1.0	<1.0		
		CLAY, silty, fine sand, some medium to coarse sand and trace fine to medium gravel, moist, gray.			<1.0	<1.0	<1.0	<1.0		
		SAND, fine, some medium to coarse sand and trace fine to medium gravel, saturated, brown-gray.			<1.0	<1.0	<1.0	<1.0		
	160	CLAY, sandy, fine to medium, hard, dry brown-gray mottled, moist.			<1.0	<1.0	<1.0	<1.0	<1.0	Primary
		SAND, fine, some medium to coarse sand and trace fine to medium gravel, saturated, brown-gray.			<1.0	<1.0	<1.0	<1.0	<1.0	Replicate

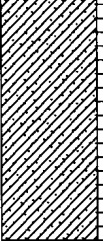


#5 Washed silica sand  
 2" x 5',  
 0.010-inch PVC slot screen

MWCD TORX.GPJ 8/12/09

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# B18 / MW18

STRATA	DEPTH FEET	DESCRIPTION	WELL CONSTRUCTION DETAIL	SAMPLE INFORMATION						RECOVERY / COMMENTS
				Sample Interval	ANALYTICAL RESULTS (ug/L)					
					Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE	Chloroform	
	170	CLAY, sandy, fine to medium, hard, dry brown-gray mottled, moist. (continued)							10.2 ft. / 10.0 ft.	
		LIMESTONE.							9.5 ft. / 10.0 ft.	

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 LOCATION: **Rochester, Indiana**  
 PROJECT NO: **3359-09-2469**  
 GEOLOGIST: **G. Oslosky**  
 DATE DRILLED: **02/11 - 15/2009**

NORTHING: **2138895.58**  
 EASTING: **173835.91**  
 GROUND SURFACE ELEVATION (feet): **809.93**  
 TOP OF CASING ELEVATION (feet): **See Remarks.**  
 TOTAL DEPTH OF BORING (feet BGL): **168**

# B19 / MW19

STRATA	DEPTH FEET	DESCRIPTION	WELL CONSTRUCTION DETAIL	SAMPLE INFORMATION					RECOVERY / COMMENTS
				Sample Interval	ANALYTICAL RESULTS (ug/L)				
				Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE	Chloroform	
		ASPHALT	14-inch flushmount						
		SILT, sandy, trace gravel, moist, soft, brown.							5.0 ft. / 5.0 ft.
		SAND, fine to coarse, some gravel and silt, moist, brown.							10.0 ft. / 10.0 ft.
	10		Bentonite Chips						
	20								10.0 ft. / 10.0 ft.
	30	SAND, fine to coarse, some silt and gravel, moist, brown.	#5 Washed silica sand 2" x 5", 0.010-inch PVC slot screen	~	<1.0	<1.0	<1.0	<1.0	Primary
				~	<1.0	<1.0	<1.0	<1.0	Replicate
				~	<1.0	<1.0	<1.0	<1.0	10.0 ft. / 10.0 ft.
	40		Bentonite Chips	~	<1.0	<1.0	<1.0	<1.0	
				~	<1.0	<1.0	<1.0	<1.0	10.0 ft. / 10.0 ft.
			#5 Washed silica sand						

MWCD TORX.GPJ 8/12/09

Driller: **WDC Exploration & Wells**  
 Method (type & size): **4" x 6" Rotasonic**  
 Screened Interval (ft. bgs): **28-33; 48-53; & 113-118**  
 Screen Size: **0.010 slot**  
 Well Material: **2-inch ID Schedule 40 PVC**  
 Grout Type: **Bentonite**

REMARKS **MW19(33) = 809.53; MW19(53) = 809.56; MW19(118) = 809.56**



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# B19 / MW19

SHEET 2 OF 4

STRATA	DEPTH FEET	DESCRIPTION	WELL CONSTRUCTION DETAIL	SAMPLE INFORMATION						RECOVERY / COMMENTS	
				Sample Interval	ANALYTICAL RESULTS (ug/L)						
					Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE	Chloroform		
		SAND, fine to coarse, some silt and gravel, moist, brown. (continued)	2" x 5', 0.010-inch PVC slot screen							10.0 ft. / 10.0 ft.	
		CLAY, with gravel, trace sand, moist, very stiff, gray.									
		SAND, fine to coarse, silty, trace gravel, moist, tan.	Bentonite Chips								
	60				<1.0	<1.0	<1.0	<1.0	<1.0		2.0 ft. / 10.0 ft.
	70				<1.0	<1.0	<1.0	<1.0	<1.0		10.0 ft. / 10.0 ft.
		SILT, sandy, some clay, moist, stiff, gray.	Bentonite Chips								
	80	CLAY, silty, moist, very stiff, gray.			<1.0	<1.0	<1.0	<1.0	<1.0		10.0 ft. / 10.0 ft.
		SAND, fine to medium, some clay and gravel, saturated, brown									
	90				<1.0	<1.0	<1.0	<1.0	<1.0		10.0 ft. / 10.0 ft.
		CLAY, sandy, moist, very stiff, gray.									
		SAND, medium to coarse, moist, tan.									
		CLAY, sandy, moist, very stiff, gray.									
		SAND, fine to coarse, some silt and gravel, moist, gray.									
	100										
		SILT, sandy, moist, soft, tan.									
		SAND, fine to coarse, silty, some gravel, moist, gray.									

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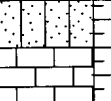

# B19 / MW19

STRATA	DEPTH FEET	DESCRIPTION	WELL CONSTRUCTION DETAIL	SAMPLE INFORMATION						RECOVERY / COMMENTS
				ANALYTICAL RESULTS (ug/L)						
				Sample Interval	Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE	Chloroform	
	110	SAND, fine to coarse, silty, some gravel, moist, gray. <i>(continued)</i>	#5 Washed silica sand 2" x 5', 0.010-inch PVC slot screen		<1.0	<1.0	<1.0	<1.0	<1.0	10.0 ft. / 10.0 ft.
	120	CLAY, sandy, some silt and cobbles, moist, gray. SILT, some sand and gravel, moist, hard, brown-gray.	Bentonite Chips							10.0 ft. / 10.0 ft.
	130									10.0 ft. / 10.0 ft.
	140									10.0 ft. / 10.0 ft.
	150									10.0 ft. / 10.0 ft.
	160									10.0 ft. / 10.0 ft.

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STRATA	DEPTH FEET	DESCRIPTION	WELL CONSTRUCTION DETAIL	SAMPLE INFORMATION						RECOVERY / COMMENTS
				Sample Interval	ANALYTICAL RESULTS ( ug/L)					
					Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE	Chloroform	
		LIMESTONE.								3.0 ft. / 3.0 ft.



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 GEOLOGIST: **G. Oslosky**  
 DATE DRILLED: **02/16 - 19/2009**

NORTHING: **2138619.28**  
 EASTING: **173871.53**  
 GROUND SURFACE ELEVATION (feet): **810.88**  
 TOP OF CASING ELEVATION (feet): **See Remarks.**  
 TOTAL DEPTH OF BORING (feet BGL): **166**

# B20 / MW20

STRATA	DEPTH FEET	DESCRIPTION	WELL CONSTRUCTION DETAIL	SAMPLE INFORMATION						RECOVERY / COMMENTS
				Sample Interval	ANALYTICAL RESULTS (ug/L)					
				Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE	Chloroform		
		ASPHALT	14-inch flushmount							
		CLAY, some gravel and silt, moist, stiff, brown.							3.0 ft. / 5.0 ft.	
		SAND and GRAVEL, fine to coarse, fine, trace silt, moist, brown.								
		SILT and SAND, moist, soft, black.								
	10	SAND, fine to coarse, moist, tan.	Bentonite Chips						3.1 ft. / 10.0 ft.	
	20	SILT, sandy, moist, tan.							4.1 ft. / 10.0 ft.	
	30	SAND, fine to medium, silty, moist, tan.	#5 Washed silica sand 2" x 5', 0.010-inch PVC slot screen	2,800	<50	2,800	<50	<50	7.0 ft. / 10.0 ft.	
	40	SAND, fine to coarse, some fine gravel, saturated, gray,	Bentonite Chips	290	<1.0	120	<1.0	<1.0	7.5 ft. / 10.0 ft.	
			#5 Washed silica sand 2" x 5', 0.010-inch PVC slot screen							

MWCD TORX.GPJ 8/12/09

Driller: WDC Exploration & Wells  
 Method (type & size): 4" x 6" Rotosonic  
 Screened Interval (ft. bgs): 30-35; 45-50; 119-124; & 150-155  
 Screen Size: 0.010 slot  
 Well Material: 2-inch ID Schedule 40 PVC  
 Grout Type: Bentonite

REMARKS MW20(35) = 810.42; MW20(51) = 810.41; MW20(124) = 810.45;  
 MW20(155) = 810.44



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# B20 / MW20

STRATA	DEPTH FEET	DESCRIPTION	WELL CONSTRUCTION DETAIL	SAMPLE INFORMATION						RECOVERY / COMMENTS
				Sample Interval	ANALYTICAL RESULTS (ug/L)					
				Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE	Chloroform		
		SAND, fine to coarse, some fine gravel, saturated, gray, (continued)							10.0 ft. / 10.0 ft.	
	60	SILT, sandy, trace gravel, saturated, very stiff, gray. SAND, fine to coarse, silty, trace gravel, saturated, gray. CLAY, sandy, moist, stiff, gray. SAND, fine to coarse, some gravel, saturated, gray. SILT, trace sand and gravel, very stiff, saturated, gray. SAND, fine to medium, silty, saturated, tan.							10.0 ft. / 10.0 ft.	
	70	SILT, sandy, saturated, medium stiff, tan.							10.0 ft. / 10.0 ft.	
	80	CLAY, moist, stiff, gray.	Bentonite Chips						10.0 ft. / 10.0 ft.	
	90	SAND, fine to coarse, silty, saturated, gray. CLAY, sandy, saturated, soft, gray. SAND, fine to coarse, silty, soft, moist, tan.		<1.0	<1.0	<1.0	<1.0	<1.0	10.0 ft. / 10.0 ft. Primary	
		CLAY, sandy, very stiff, moist, gray. SAND, fine to coarse, silty, some gravel, saturated, tan. SILT, sandy, saturated, stiff, gray.		<1.0	<1.0	<1.0	<1.0	<1.0	Replicate	
	100	SAND, fine to coarse, silty, trace gravel, saturated, gray. SILT, sandy, trace gravel, saturated, stiff, gray. SAND, fine to coarse, silty, saturated, brown.		<1.0	<1.0	<1.0	<1.0	<1.0	10.0 ft. / 10.0 ft.	

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# B20 / MW20

STRATA	DEPTH FEET	DESCRIPTION	WELL CONSTRUCTION DETAIL	SAMPLE INFORMATION					RECOVERY / COMMENTS		
				Sample Interval	ANALYTICAL RESULTS ( ug/L)						
				Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE	Chloroform			
	110	SAND, fine to coarse, silty, saturated, brown. (continued)	#5 Washed silica sand 2" x 5', 0.010-inch PVC slot screen		<1.0	<1.0	<1.0	<1.0	<1.0	10.0 ft. / 10.0 ft.	
	120	SILT, stiff, saturated, gray.				<1.0	<1.0	<1.0	<1.0	<1.0	10.0 ft. / 10.0 ft.
		SILT, sandy, saturated, stiff, gray.	Bentonite Chips		<1.0	<1.0	<1.0	<1.0	<1.0	10.0 ft. / 10.0 ft.	
	130	SAND, fine to coarse, silty, saturated, gray.				<1.0	<1.0	<1.0	<1.0	<1.0	10.0 ft. / 10.0 ft.
		SILT, some gravel and small cobbles, saturated, stiff, gray.				<1.0	<1.0	<1.0	<1.0	<1.0	10.0 ft. / 10.0 ft.
		SAND, fine to coarse, some silt and gravel, saturated, gray.				<1.0	<1.0	<1.0	<1.0	<1.0	10.0 ft. / 10.0 ft.
		SILT, some sand and gravel, saturated, stiff, gray.	#5 Washed silica sand 2" x 5', 0.010-inch PVC slot screen		<1.0	<1.0	<1.0	<1.0	<1.0	10.0 ft. / 10.0 ft.	
	140	SAND, fine to medium, silty, some clay, saturated, brown.				<1.0	<1.0	<1.0	<1.0	<1.0	10.0 ft. / 10.0 ft.
		SILT, sandy, saturated, very stiff, gray.				<1.0	<1.0	<1.0	<1.0	<1.0	10.0 ft. / 10.0 ft.
		SAND, fine to coarse, trace silt, saturated, brown.				<1.0	<1.0	<1.0	<1.0	<1.0	10.0 ft. / 10.0 ft.
	150	SILT, sandy, some gravel, saturated, gray.	Bentonite Chips		<1.0	<1.0	<1.0	<1.0	<1.0	10.0 ft. / 10.0 ft.	
		SAND and GRAVEL, medium to coarse, trace silt, saturated, gray.				<1.0	<1.0	<1.0	<1.0	<1.0	10.0 ft. / 10.0 ft.
		SAND, silty, saturated, gray.				<1.0	<1.0	<1.0	<1.0	<1.0	10.0 ft. / 10.0 ft.
		SILT, some gravel and small cobbles, saturated, stiff, gray.				<1.0	<1.0	<1.0	<1.0	<1.0	10.0 ft. / 10.0 ft.
	160	SAND and GRAVEL, medium to coarse, trace silt, saturated, gray.	Bentonite Chips		<1.0	<1.0	<1.0	<1.0	<1.0	10.0 ft. / 10.0 ft.	
		SAND, fine to coarse, silty, saturated, gray.				<1.0	<1.0	<1.0	<1.0	<1.0	10.0 ft. / 10.0 ft.

MWCD TORX.GPJ 8/12/09

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# B20 / MW20

STRATA	DEPTH FEET	DESCRIPTION	WELL CONSTRUCTION DETAIL	SAMPLE INFORMATION						RECOVERY / COMMENTS
				Sample Interval	ANALYTICAL RESULTS ( ug/L)					
					Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE	Chloroform	
		SILT, little sand and gravel, stiff, moist, brown. <i>(continued)</i>	▨							
		SILT, little sand and gravel, limestone fragments, stiff, moist, brown. BEDROCK								

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 LOCATION: **Rochester, Indiana**  
 PROJECT NO: **3359-09-2469**  
 GEOLOGIST: **C. Hortert**  
 DATE DRILLED: **03/30 - 04/01/2009**

NORTHING: **2138190.68**  
 EASTING: **173931.09**  
 GROUND SURFACE ELEVATION (feet): **810.62**  
 TOP OF CASING ELEVATION (feet): **See Remarks.**  
 TOTAL DEPTH OF BORING (feet BGL): **163**

# B21 / MW21

SHEET 1 OF 3

STRATA	DEPTH FEET	DESCRIPTION	WELL CONSTRUCTION DETAIL	SAMPLE INFORMATION					RECOVERY / COMMENTS
				Sample Interval	ANALYTICAL RESULTS (ug/L)				
				Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE	Chloroform	
		SILT, loosely packed, organic material, dry, brown. SAND, medium to coarse, brownish-yellow.	14-inch flushmount						5.0 ft. / 5.0 ft.
	10	SAND, fine to medium, pale-yellow.	Bentonite Chips						10.0 ft. / 10.0 ft.
		SAND, fine gravel, brownish-yellow.							
		SILT, sandy, light yellowish-brown.							
	20	SAND, fine to medium, silty, yellowish brown.							10.0 ft. / 10.0 ft.
		SILT, sandy, fine, brown.							
	30		#5 Washed silica sand 2" x 5", 0.010-inch PVC slot screen	<1.0	3.0	<1.0	<1.0	<1.0	10.0 ft. / 10.0 ft.
	40								10.0 ft. / 10.0 ft.
		SAND, fine, silty, light yellowish-brown.							
		SILT, sandy, clayey, light yellowish-brown.							

MWCD TORX.GPJ 8/12/09

Driller: WDC Exploration & Wells  
 Method (type & size): 4" x 6" Rotosonic  
 Screened Interval (ft. bgs): 35.2-40.2; 1213-128; & 150-155  
 Screen Size: 0.010 slot  
 Well Material: 2-inch ID Schedule 40 PVC  
 Grout Type: Bentonite

REMARKS MW21(40.2) = 810.33; MW21(128) = 810.30; MW21(155.3) = 810.35



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CLIENT: **Textron**  
 PROJECT NAME: **Former TORX Facility**  
 LOCATION: **Rochester, Indiana**  
 PROJECT NO: **3359-09-2469**  
 GEOLOGIST: **C. Hortert**  
 DATE DRILLED: **03/30 - 04/01/2009**

NORTHING: **2138190.68**  
 EASTING: **173931.09**  
 GROUND SURFACE ELEVATION (feet): **810.62**  
 TOP OF CASING ELEVATION (feet): **See Remarks.**  
 TOTAL DEPTH OF BORING (feet BGL): **163**

# B21 / MW21

STRATA	DEPTH FEET	DESCRIPTION	WELL CONSTRUCTION DETAIL	SAMPLE INFORMATION						RECOVERY / COMMENTS
				ANALYTICAL RESULTS (ug/L)						
				Sample Interval	Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE	Chloroform	
		SILT, sandy, clayey, light yellowish-brown. (continued)								10.0 ft. / 10.0 ft.
	60									10.0 ft. / 10.0 ft.
	70		Bentonite Chips							10.0 ft. / 10.0 ft.
	80									10.0 ft. / 10.0 ft.
	90	SAND, fine to medium, grayish-brown.								10.0 ft. / 10.0 ft.
		SAND and GRAVEL, gray.								
		SILT, sandy, gray.								
	100				<1.0	<1.0	<1.0	<1.0	<1.0	10.0 ft. / 10.0 ft.
		SAND, coarse, fine gravel, gray.								

MWCD TORX.GPJ 8/12/09

CLIENT: **Textron**  
 PROJECT NAME: **Former TORX Facility**  
 LOCATION: **Rochester, Indiana**  
 PROJECT NO: **3359-09-2469**  
 GEOLOGIST: **C. Hortert**  
 DATE DRILLED: **03/30 - 04/01/2009**

NORTHING: **2138190.68**  
 EASTING: **173931.09**  
 GROUND SURFACE ELEVATION (feet): **810.62**  
 TOP OF CASING ELEVATION (feet): **See Remarks.**  
 TOTAL DEPTH OF BORING (feet BGL): **163**

# B21 / MW21

STRATA	DEPTH FEET	DESCRIPTION	WELL CONSTRUCTION DETAIL	SAMPLE INFORMATION					RECOVERY / COMMENTS	
				ANALYTICAL RESULTS (ug/L)						
				Sample Interval	Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE		Chloroform
SAND, coarse, fine gravel, gray. (continued)	110				<1.0	<1.0	<1.0	<1.0	<1.0	10.0 ft. / 10.0 ft. Primary
					<1.0	<1.0	<1.0	<1.0	<1.0	Replicate
	120		#5 Washed silica sand 2" x 5', 0.010-inch PVC slot screen		<1.0	<1.0	<1.0	<1.0	<1.0	10.0 ft. / 10.0 ft.
GRAVEL, sandy, gray.										
SILT, sandy, clayey, gray.	130		Bentonite Chips		<1.0	<1.0	<1.0	<1.0	<1.0	10.0 ft. / 10.0 ft.
SAND, fine to coarse, fine gravel, gray.										
	140		#5 Washed silica sand 2" x 5', 0.010-inch PVC slot screen		<1.0	<1.0	<1.0	<1.0	<1.0	10.0 ft. / 10.0 ft.
SILT, clayey, brown.	150		Bentonite Chips		<1.0	<1.0	<1.0	<1.0	<1.0	10.0 ft. / 10.0 ft.
GRAVEL, trace cobbles, gray.										
CLAY, reddish-brown.	160									10.0 ft. / 10.0 ft.
LIMESTONE, weathered fractured.										

MWCD TORX.GPJ 8/12/09

CLIENT: **Textron**  
 PROJECT NAME: **Former TORX Facility**  
 LOCATION: **Rochester, Indiana**  
 PROJECT NO: **3359-09-2469**  
 GEOLOGIST: **D. Gross**  
 DATE DRILLED: **02/15-17/2009**

NORTHING: **2138221.62**  
 EASTING: **173411.53**  
 GROUND SURFACE ELEVATION (feet): **804.39**  
 TOP OF CASING ELEVATION (feet): **See Remarks.**  
 TOTAL DEPTH OF BORING (feet BGL): **160**

# B22 / MW22

STRATA	DEPTH FEET	DESCRIPTION	WELL CONSTRUCTION DETAIL	SAMPLE INFORMATION					
				Sample Interval	ANALYTICAL RESULTS (ug/L)				
				Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE	Chloroform	
		CLAY, silty, sandy, organic matter, moist, dark yellow brown.	14-inch flushmount						
		SAND, fine, some medium to coarse sand, fine gravel, damp light olive brown.							3.9 ft. / 5.0 ft.
		SILT, trace fine sand and clay, damp, light yellowish brown.							
		SAND, fine to coarse, trace fine gravel, trace silt, damp, light olive brown.							1.8 ft. / 10.0 ft.
	10		Bentonite Chips						
		SAND, fine, trace fine to coarse sand and silt, moist, brown.							
		SILT, trace clay, moist, yellowish brown.							9.1 ft. / 10.0 ft.
		SILT, trace clay, moist, yellowish brown.							
		CLAY, silty, moist, gray.							
		CLAY, silty, trace fine to coarse sand, fine gravel, rounded, moist, gray.							
	20								
		SAND, fine, some medium sand, trace coarse sand, fine gravel, saturated, brown.	#5 Washed silica sand						
		CLAY, silty-sandy, trace medium to coarse sand, trace fine to medium gravel, moist, brown-gray.	2" x 5', 0.010-inch PVC slot screen	0.3J	<1.0	<1.0	<1.0	<1.0	8.9 ft. / 10.0 ft. J = Analyte detected below quantitaion limits
		SAND, fine, trace medium to coarse sand, saturated, gray.							
	30								
		GRAVEL and CLAY, silty, fine to medium gravel, saturated, gray.							6.8 ft. / 10.0 ft.
	40								

MWCD TORX.GPJ 8/12/09

Driller: **WDC Exploration & Wells**  
 Method (type & size): **4" x 6" Rotosonic**  
 Screened Interval (ft. bgs): **32-37; 63-68; & 125-135**  
 Screen Size: **0.010 slot**  
 Well Material: **2-inch ID Schedule 40 PVC**  
 Grout Type: **Bentonite**

REMARKS **MW22(37) = 803.92; MW22(67.7) = 803.94; MW22(130.7) = 803.95**



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CLIENT: **Textron**  
 PROJECT NAME: **Former TORX Facility**  
 LOCATION: **Rochester, Indiana**  
 PROJECT NO: **3359-09-2469**  
 GEOLOGIST: **D. Gross**  
 DATE DRILLED: **02/15-17/2009**

NORTHING: **2138221.62**  
 EASTING: **173411.53**  
 GROUND SURFACE ELEVATION (feet): **804.39**  
 TOP OF CASING ELEVATION (feet): **See Remarks.**  
 TOTAL DEPTH OF BORING (feet BGL): **160**

# B22 / MW22

STRATA	DEPTH FEET	DESCRIPTION	WELL CONSTRUCTION DETAIL	SAMPLE INFORMATION						RECOVERY / COMMENTS
				Sample Interval	ANALYTICAL RESULTS (ug/L)					
					Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE	Chloroform	
		SAND, fine to coarse, silty, trace fine to medium gravel, saturated, brown-gray.	Bentonite Chips		<1.0	<1.0	<1.0	<1.0	1.6	5.9 ft. / 10.0 ft.
	60			#5 Washed silica sand 2" x 5', 0.010-inch PVC slot screen		<1.0	<1.0	<1.0	<1.0	<1.0
		SILT, trace clay, moist, gray.								
		SAND, fine, trace medium to coarse sand, trace silt, saturated, brown-gray.								
	70	SAND and GRAVEL, fine to coarse, clayey, brown-gray.			<1.0	<1.0	<1.0	<1.0	<1.0	7.9 ft. / 10.0 ft.
		SAND, fine to coarse, trace clay and silt, saturated, brown-gray.								
		SAND and GRAVEL, medium to coarse, fine gravel, some medium gravel, trace silty clay, brown-gray.			<1.0	<1.0	<1.0	<1.0	1.7	8.2 ft. / 10.0 ft.
	80	SAND, fine to medium, some coarse sand, trace fine to medium gravel, trace silty clay, brown-gray.								
		SILT, sandy, fine to medium, some clay, trace gravel, trace cobbles, moist, brown-gray.								
		SAND, fine to coarse, some fine to coarse gravel, trace cobbles, saturated, gray.								
	90									8.3 ft. / 10.0 ft.
		SAND and GRAVEL, medium to coarse, fine to medium gravel, trace fine sand, saturated, dark gray.								
	100		Bentonite Chips		<1.0	<1.0	<1.0	<1.0	<1.0	3.9 ft. / 10.0 ft. Primary
					<1.0	<1.0	<1.0	<1.0	<1.0	Replicate

MWCD TORX.GPJ 8/12/09

CLIENT: **Textron**  
 PROJECT NAME: **Former TORX Facility**  
 LOCATION: **Rochester, Indiana**  
 PROJECT NO: **3359-09-2469**  
 GEOLOGIST: **D. Gross**  
 DATE DRILLED: **02/15-17/2009**

NORTHING: **2138221.62**  
 EASTING: **173411.53**  
 GROUND SURFACE ELEVATION (feet): **804.39**  
 TOP OF CASING ELEVATION (feet): **See Remarks.**  
 TOTAL DEPTH OF BORING (feet BGL): **160**

# B22 / MW22

STRATA	DEPTH FEET	DESCRIPTION	WELL CONSTRUCTION DETAIL	SAMPLE INFORMATION						RECOVERY / COMMENTS
				Sample Interval	ANALYTICAL RESULTS (ug/L)					
					Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE	Chloroform	
	110	SAND, fine, some medium to coarse sand, some fine gravel, trace silt and clay, dark brown-gray. (continued)								6.9 ft. / 10.0 ft.
	120			#5 Washed silica sand 2" x 5', 0.010-inch PVC slot screen	<1.0	<1.0	<1.0	<1.0	<1.0	4.6 ft. / 10.0 ft.
	130	SILT, clayey, some fine sand and trace medium sand, moist, brown-gray.								7.0 ft. / 10.0 ft.
		SAND and GRAVEL, medium to coarse, fine to medium gravel, some fine sand, trace silt and clay, brown-gray.								
		SAND, fine, silty, some medium sand, trace clay, trace coarse sand, trace gravel, saturated, brown-gray.								
	140	SILT, trace to some fine sand, trace medium to coarse sand, moist, gray.	Bentonite Chips							10.4 ft. / 10.0 ft.
	150	CLAY, some silt, trace fine to coarse sand, dry, dark gray-brown with orange mottling.								7.7 ft. / 10.0 ft.
		SILT, clayey, some fine sand, trace coarse sand, trace fine to medium gravel, dry, brown.								2.2 ft. / 2.0 ft.
	160	LIMESTONE bedrock.								3.5 ft. / 5.0 ft.

CLIENT: **Textron**  
 PROJECT NAME: **Former TORX Facility**  
 LOCATION: **Rochester, Indiana**  
 PROJECT NO: **3359-09-2469**  
 GEOLOGIST: **C. Hortert**  
 DATE DRILLED: **03/27-28/2009**

NORTHING: **2139514.15**  
 EASTING: **174046.28**  
 GROUND SURFACE ELEVATION (feet): **817.10**  
 TOP OF CASING ELEVATION (feet): **See Remarks.**  
 TOTAL DEPTH OF BORING (feet BGL): **153**

# B23 / MW23

STRATA	DEPTH FEET	DESCRIPTION	WELL CONSTRUCTION DETAIL	SAMPLE INFORMATION						RECOVERY / COMMENTS
				Sample Interval	ANALYTICAL RESULTS ( ug/L )					
				Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE	Chloroform		
		SILT, loosely packed, organic material, dry, brown.	14-inch flushmount							
		SAND, medium, some gravel, dark yellowish brown.							5.0 ft. / 5.0 ft.	
	10								10.0 ft. / 10.0 ft.	
			Bentonite Chips						10.0 ft. / 10.0 ft.	
	20								10.0 ft. / 10.0 ft.	
		SAND, silty, some gravel, dark yellowish brown.							10.0 ft. / 10.0 ft.	
		SAND, fine to medium, brown.							10.0 ft. / 10.0 ft.	
	30		#5 Washed silica sand 2" x 5', 0.010-inch PVC slot screen	<1.0	<1.0	<1.0	<1.0	<1.0	10.0 ft. / 10.0 ft. 10.0 ft. / 10.0 ft.	
		SILT, clayey, medium stiff, gray.								
	40								10.0 ft. / 10.0 ft.	
		SAND, fine, yellowish-brown.								

MWCD TORX.GPJ 8/12/09

Driller: WDC Exploration & Wells  
 Method (type & size): 4" x 6" Rotosonic  
 Screened Interval (ft. bgs): 34.9-39.9; 100.6-105.6; & 117.7-122.7  
 Screen Size: 0.010 slot  
 Well Material: 2-inch ID Schedule 40 PVC  
 Grout Type: Bentonite

REMARKS MW23(39.9) = 816.67; MW23(105.6) = 816.65; MW23(122.7) = 816.69



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 Miamisburg, Ohio Office: (937) 859-3600

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 LOCATION: **Rochester, Indiana**  
 PROJECT NO: **3359-09-2469**  
 GEOLOGIST: **C. Hortert**  
 DATE DRILLED: **03/27-28/2009**

NORTHING: **2139514.15**  
 EASTING: **174046.28**  
 GROUND SURFACE ELEVATION (feet): **817.10**  
 TOP OF CASING ELEVATION (feet): **See Remarks.**  
 TOTAL DEPTH OF BORING (feet BGL): **153**

# B23 / MW23

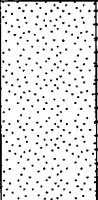
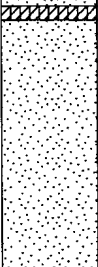
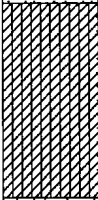
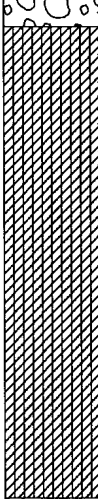



STRATA	DEPTH FEET	DESCRIPTION	WELL CONSTRUCTION DETAIL	SAMPLE INFORMATION						RECOVERY / COMMENTS
				ANALYTICAL RESULTS ( ug/L )						
				Sample Interval	Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE	Chloroform	
		SAND, fine, yellowish-brown. <i>(continued)</i>								10.0 ft. / 10.0 ft.
	60	SILT, sandy, firm, gray.	Bentonite Chips							10.0 ft. / 10.0 ft.
	70									10.0 ft. / 10.0 ft.
	80									10.0 ft. / 10.0 ft.
	90	SAND, medium, brown.								Chloroethane = 1.8 ppb 10.0 ft. / 10.0 ft.
	100		#5 Washed silica sand 2" x 5', 0.010-inch PVC slot screen		<1.0	<1.0	<1.0	<1.0	<1.0	Chloroethane = 1.8 ppb 10.0 ft. / 10.0 ft.

MWCD TORX.GPJ 8/12/09

CLIENT: **Textron**  
 PROJECT NAME: **Former TORX Facility**  
 LOCATION: **Rochester, Indiana**  
 PROJECT NO: **3359-09-2469**  
 GEOLOGIST: **C. Hortert**  
 DATE DRILLED: **03/27-28/2009**

NORTHING: **2139514.15**  
 EASTING: **174046.28**  
 GROUND SURFACE ELEVATION (feet): **817.10**  
 TOP OF CASING ELEVATION (feet): **See Remarks.**  
 TOTAL DEPTH OF BORING (feet BGL): **153**

# B23 / MW23

STRATA	DEPTH FEET	DESCRIPTION	WELL CONSTRUCTION DETAIL	SAMPLE INFORMATION						RECOVERY / COMMENTS
				Sample Interval	ANALYTICAL RESULTS (ug/L)					
				Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE	Chloroform		
	110	SAND, medium, brown. (continued)	Bentonite Chips	10.0 ft. / 10.0 ft.	<1.0	<1.0	<1.0	<1.0	<1.0	1,1-DCA = 2.2 ppb 10.0 ft. / 10.0 ft.
		CLAY, silty, firm, gray. SAND, medium, brown.	#5 Washed silica sand 2" x 5', 0.010-inch PVC slot screen							
	120	CLAY, silty, firm, gray.	Bentonite Chips	10.0 ft. / 10.0 ft.						10.0 ft. / 10.0 ft.
	130	GRAVEL.	Bentonite Chips	10.0 ft. / 10.0 ft.						10.0 ft. / 10.0 ft.
	140	CLAY, silty, some gravel, medium stiff, gray.	Bentonite Chips	10.0 ft. / 10.0 ft.						10.0 ft. / 10.0 ft.
	150	SAND, fine to medium, brown.								10.0 ft. / 10.0 ft.
		CLAY, silty, very stiff, gray.								
		LIMESTONE								

CLIENT: **Textron**  
 PROJECT NAME: **Former TORX Facility**  
 LOCATION: **Rochester, Indiana**  
 PROJECT NO: **3359-09-2469**  
 GEOLOGIST: **D. Gross**  
 DATE DRILLED: **02/09-13/2009**

NORTHING: **2138611.62**  
 EASTING: **174238.11**  
 GROUND SURFACE ELEVATION (feet): **802.19**  
 TOP OF CASING ELEVATION (feet): **See Remarks.**  
 TOTAL DEPTH OF BORING (feet BGL): **158**

# B24 / MW24

STRATA	DEPTH FEET	DESCRIPTION	WELL CONSTRUCTION DETAIL	SAMPLE INFORMATION					RECOVERY / COMMENTS
				Sample Interval	ANALYTICAL RESULTS (ug/L)				
				Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE	Chloroform	
	10	SILT, sandy, some coarse sand and fine to coarse gravel, trace cobbles, moist, brown.	Above ground protective casing.						4.0 ft. / 5.0 ft.
		SAND, fine to medium, silty, some fine to medium gravel, moist, brown.	#5 Washed silica sand						
	10	CLAY, some medium to coarse sand and trace gravel, moist, soft, brown.	Bentonite Chips						6.7 ft. / 10.0 ft.
		SAND, fine, silty, clayey, moist, brown.							
		SILT, trace fine to medium sand and clay, dry, light brown.							
	20	SAND, trace silty clay, moist, light yellow-brown.	#5 Washed silica sand						7.0 ft. / 10.0 ft.
		CLAY, sandy silty, trace coarse sand and fine to medium gravel, moist, brown-gray.		2" x 5', 0.010-inch PVC slot screen	<1.0	<1.0	<1.0	<1.0	
	30	SAND, fine to medium, some fine gravel, trace medium to coarse gravel, trace silty clay, saturated, brown-gray.	Bentonite Chips						7.1 ft. / 10.0 ft.
					<1.0	<1.0	1.1	<1.0	
	40	SILT, sandy, some fine to coarse sand, trace fine gravel, trace clay, saturated, gray.	#5 Washed silica sand						9.7 ft. / 10.0 ft.

MWCD TORX.GPJ 8/12/09

Driller: WDC Exploration & Wells  
 Method (type & size): 4" x 6" Rotosonic  
 Screened Interval (ft. bgs): 19.9-24.9; 50.4-55.4; & 117.6-122.6  
 Screen Size: 0.010 slot  
 Well Material: 2-inch ID Schedule 40 PVC  
 Grout Type: Bentonite

REMARKS MW24(24.9) = 804.92; MW24(55.4) = 804.94; MW24(122.6) = 804.93;  
 MW24(159.4) = 804.93



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 Miamisburg, Ohio Office: (937) 859-3600

CLIENT: **Textron**  
 PROJECT NAME: **Former TORX Facility**  
 LOCATION: **Rochester, Indiana**  
 PROJECT NO: **3359-09-2469**  
 GEOLOGIST: **D. Gross**  
 DATE DRILLED: **02/09-13/2009**

NORTHING: **2138611.62**  
 EASTING: **174238.11**  
 GROUND SURFACE ELEVATION (feet): **802.19**  
 TOP OF CASING ELEVATION (feet): **See Remarks.**  
 TOTAL DEPTH OF BORING (feet BGL): **158**

**B24 / MW24**

SHEET 2 OF 3

STRATA	DEPTH FEET	DESCRIPTION	WELL CONSTRUCTION DETAIL	SAMPLE INFORMATION					RECOVERY / COMMENTS	
				Sample Interval	ANALYTICAL RESULTS (ug/L)					
				Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE	Chloroform		
		SILT, sandy, some fine to coarse sand, trace fine gravel, trace clay, saturated, gray. (continued)	2" x 5', 0.010-inch PVC slot screen		1.3J	290	80	13	<2.0	J = Analyte detected below quantitation limits 7.7 ft. / 10.0 ft.
	60									9.3 ft. / 10.0 ft.
		CLAY, silty, trace fine sand, moist, gray.								
	70									
		SAND, fine to medium, some coarse sand, some fine gravel, trace silty clay, saturated, gray.			<1.0	1.0	<1.0	<1.0	<1.0	11.0 ft. / 10.0 ft.
		CLAY, silty, trace fine sand, moist, gray.								
		SAND, some silt and medium sand, trace coarse sand, saturated, gray.								
		CLAY, sandy, trace medium to coarse sand and fine to medium gravel, moist, gray.								
	80		Bentonite Chips							
					<1.0	<1.0	<1.0	<1.0	<1.0	Primary
					<1.0	<1.0	<1.0	<1.0	<1.0	Replicate 11.6 ft. / 10.0 ft.
		SAND, fine to coarse, trace silty clay, saturated, brown-gray.								
		CLAY, silty, sandy, moist, brown-gray								
	90									
		SAND and GRAVEL, fine to coarse, trace silty clay, saturated, brown-gray.			<1.0	<1.0	<1.0	<1.0	<1.0	7.0 ft. / 10.0 ft.
	100									
					<1.0	<1.0	<1.0	<1.0	<1.0	9.1 ft. / 10.0 ft.
		SILT, clayey, trace fine to coarse sand, saturated, gray.								

MWCD TORX.GPJ 8/12/09

CLIENT: **Textron**  
 PROJECT NAME: **Former TORX Facility**  
 LOCATION: **Rochester, Indiana**  
 PROJECT NO: **3359-09-2469**  
 GEOLOGIST: **D. Gross**  
 DATE DRILLED: **02/09-13/2009**

NORTHING: **2138611.62**  
 EASTING: **174238.11**  
 GROUND SURFACE ELEVATION (feet): **802.19**  
 TOP OF CASING ELEVATION (feet): **See Remarks.**  
 TOTAL DEPTH OF BORING (feet BGL): **158**

# B24 / MW24

STRATA	DEPTH FEET	DESCRIPTION	WELL CONSTRUCTION DETAIL	SAMPLE INFORMATION						RECOVERY / COMMENTS
				ANALYTICAL RESULTS (ug/L)						
				Sample Interval	Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE	Chloroform	
[Dotted pattern]	110	SAND, fine to coarse, trace clay, trace fine gravel, saturated, brown-gray. (continued)	[Diagonal hatching]		<1.0	<1.0	<1.0	<1.0	<1.0	10.2 ft. / 10.0 ft.
		CLAY, sandy, silty, some medium to coarse sand and fine gravel, trace coarse gravel, saturated, brown-gray. SAND, fine to coarse, trace silt and fine gravel, saturated, brown-gray.		#5 Washed silica sand 2" x 5', 0.010-inch PVC slot screen		<1.0	<1.0	<1.0	<1.0	<1.0
[Cross-hatching]	120	CLAY, silty, trace fine to coarse sand, moist, gray.	[Diagonal hatching]							8.8 ft. / 10.0 ft.
[Dotted pattern]	130	SAND, fine, some silty clay, trace fine gravel, saturated, gray. CLAY, silty, trace fine to coarse sand, moist, gray. SAND, fine, some clay and silt, trace medium to coarse sand, saturated, gray.		Bentonite Chips		<1.0	<1.0	<1.0	<1.0	<1.0
[Cross-hatching]	140	CLAY, sandy, some fine to coarse gravel, trace fine cobbles, moist, gray.	[Diagonal hatching]							3.0 ft. / 5.0 ft.
[Dotted pattern]	150	SAND, fine to coarse, trace fine to coarse gravel, fine cobbles, saturated, brown-gray.		#5 Washed silica sand 2" x 5', 0.010-inch PVC slot screen Bentonite Chips		<1.0	<1.0	<1.0	<1.0	<1.0
[Cross-hatching]		CLAY, silty, sandy, some fine to medium sand, trace coarse gravel, moist brown-gray.								3.0 ft. / 3.0 ft.
[Dotted pattern]		LIMESTONE, crystalline, some fossil, brown-gray.								1.0 ft. / 1.0 ft.



CLIENT: **Textron**  
 PROJECT NAME: **Former TORX Facility**  
 LOCATION: **Rochester, Indiana**  
 PROJECT NO: **3359-09-2469**  
 GEOLOGIST: **G. Oslosky**  
 DATE DRILLED: **03/14-15/2009**

NORTHING: **2138443.87**  
 EASTING: **174316.45**  
 GROUND SURFACE ELEVATION (feet): **792.63**  
 TOP OF CASING ELEVATION (feet): **See Remarks.**  
 TOTAL DEPTH OF BORING (feet BGL): **147**

# B25 / MW25

STRATA	DEPTH FEET	DESCRIPTION	WELL CONSTRUCTION DETAIL	SAMPLE INFORMATION					RECOVERY / COMMENTS	
				Sample Interval	ANALYTICAL RESULTS (ug/L)					
					Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE	Chloroform	
		SAND, fine to coarse, silty, trace gravel, moist, brown.	14-inch flushmount							
		SILT, some sand, trace gravel, moist, very stiff, brown.								
		FILL, limestone gravel, white.								
		SAND, fine to coarse, silty, trace gravel, moist, brown.								5.0 ft. / 5.0 ft.
			Bentonite Chips							
	10	SAND, fine to coarse, silty, trace gravel, saturated, gray.	#5 Washed silica sand		1,100	<50	1,100	<50	<50	Primary
			2" x 5', 0.010-inch PVC slot screen		1,200	<50	1,200	<50	<50	Replicate 10.0 ft. / 10.0 ft.
		SILT, moist, very stiff, gray.								
	20	SAND, fine to medium, silty, trace coarse sand, saturated, gray.	Bentonite Chips		270	<100	3,100	<100	<100	10.0 ft. / 10.0 ft.
			#5 Washed silica sand							
	30	SILT, sandy, moist, gray.	2" x 5', 0.010-inch PVC slot screen							10.0 ft. / 10.0 ft.
		SAND, fine to medium, silty, saturated, gray.	Bentonite Chips							
		SILT, trace medium sand, moist, gray.	#5 Washed silica sand							
	40	SAND, fine to medium, trace coarse sand and silt, saturated, gray.	2" x 5', 0.010-inch PVC slot screen		43	5.7	170	16	5	10.0 ft. / 10.0 ft.
			Bentonite Chips							
		SILT, medium stiff, moist, gray.								

Driller: **WDC Exploration & Wells**  
 Method (type & size): **4" x 6" Rotasonic**  
 Screened Interval (ft. bgs): **11'-16', 27'-32', 40'-45', 77'-82', & 139'-144'**  
 Screen Size: **0.010 slot**  
 Well Material: **2-inch ID Schedule 40 PVC**  
 Grout Type: **Bentonite**

REMARKS **MW25(16.4) = 791.93; MW25(32.6) = 791.92; MW25(45.2) = 791.91; MW25(82) = 791.93; MW25(145) = 791.91**



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 Miamisburg, Ohio Office: (937) 859-3600

CLIENT: **Textron**  
 PROJECT NAME: **Former TORX Facility**  
 LOCATION: **Rochester, Indiana**  
 PROJECT NO: **3359-09-2469**  
 GEOLOGIST: **G. Oslosky**  
 DATE DRILLED: **03/14-15/2009**

NORTHING: **2138443.87**  
 EASTING: **174316.45**  
 GROUND SURFACE ELEVATION (feet): **792.63**  
 TOP OF CASING ELEVATION (feet): **See Remarks.**  
 TOTAL DEPTH OF BORING (feet BGL): **147**

# B25 / MW25

STRATA	DEPTH FEET	DESCRIPTION	WELL CONSTRUCTION DETAIL	SAMPLE INFORMATION						RECOVERY / COMMENTS
				Sample Interval	ANALYTICAL RESULTS ( ug/L)					
					Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE	Chloroform	
		SAND, fine to medium, some coarse sand and fine gravel, trace silt, saturated, brown (continued)								10.0 ft. / 10.0 ft.
		SILT and SAND, fine, moist, very stiff, gray.								
	60	CLAY, trace fine sand, moist, very stiff, gray.	Bentonite Chips							10.0 ft. / 10.0 ft.
		SILT, some sand, trace gravel, moist, very stiff, gray.								
		SAND, fine to coarse, trace silt and gravel, saturated, gray.								
	70	SILT, trace sand and gravel, moist, very stiff, gray.								10.0 ft. / 10.0 ft.
		SAND, fine to medium, some silt, trace gravel, saturated, gray.	#5 Washed silica sand							
	80	SILT, sandy, trace gravel, moist, stiff, gray.	2" x 5', 0.010-inch PVC slot screen							
		SAND, fine to coarse, silty, trace coarse sand, saturated, gray.								
		SILT, sandy, moist, soft, brown.								
	90	SAND, fine to coarse, some silt, trace gravel, saturated, gray.								10.0 ft. / 10.0 ft.
	100									
		SILT, sandy, moist, stiff, gray.								10.0 ft. / 10.0 ft.

CLIENT: **Textron**  
 PROJECT NAME: **Former TORX Facility**  
 LOCATION: **Rochester, Indiana**  
 PROJECT NO: **3359-09-2469**  
 GEOLOGIST: **G. Oslosky**  
 DATE DRILLED: **03/14-15/2009**

NORTHING: **2138443.87**  
 EASTING: **174316.45**  
 GROUND SURFACE ELEVATION (feet): **792.63**  
 TOP OF CASING ELEVATION (feet): **See Remarks.**  
 TOTAL DEPTH OF BORING (feet BGL): **147**

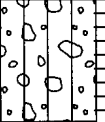
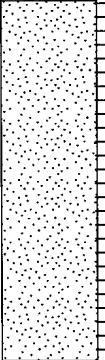

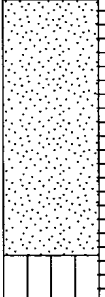

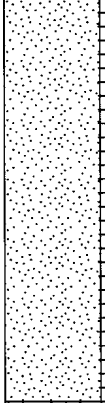

# B25 / MW25

STRATA	DEPTH FEET	DESCRIPTION	WELL CONSTRUCTION DETAIL	SAMPLE INFORMATION						RECOVERY / COMMENTS
				Sample Interval	ANALYTICAL RESULTS (ug/L)					
					Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE	Chloroform	
	110	SAND, fine to coarse, some gravel, trace silt, trace cobbles, saturated, gray. CLAY, moist, very stiff, gray.	Bentonite Chips							10.0 ft. / 10.0 ft.
	120									10.0 ft. / 10.0 ft.
	130	SAND, fine to coarse, trace silt, saturated, gray.	#5 Washed silica sand 2" x 5', 0.010-inch PVC slot screen	~	<1.0	<1.0	<1.0	<1.0	<1.0	10.0 ft. / 10.0 ft.
	140									6.9 ft. / 10.0 ft.
		CLAY, some gravel, moist, gray. LIMESTONE.								

CLIENT: **Textron**  
 PROJECT NAME: **Former TORX Facility**  
 LOCATION: **Rochester, Indiana**  
 PROJECT NO: **3359-09-2469**  
 GEOLOGIST: **G. Oslosky**  
 DATE DRILLED: **03/10-12/2009**

NORTHING: **2138255.2**  
 EASTING: **174402.73**  
 GROUND SURFACE ELEVATION (feet): **792.40**  
 TOP OF CASING ELEVATION (feet): **See Remarks.**  
 TOTAL DEPTH OF BORING (feet BGL): **145**

# B26 / MW26

STRATA	DEPTH FEET	DESCRIPTION	WELL CONSTRUCTION DETAIL	SAMPLE INFORMATION						RECOVERY / COMMENTS
				Sample Interval	ANALYTICAL RESULTS ( ug/L )					
				Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE	Chloroform		
		SILT and GRAVEL, some sand, moist, soft, brown.	14-inch flushmount							
	10	SAND, fine to coarse, silty, some gravel, moist, brown.	Bentonite Chips						5.0 ft. / 5.0 ft.	
		SILT, moist, stiff, gray.	#5 Washed silica sand						10.0 ft. / 10.0 ft.	
	20	SAND, fine to coarse, some silt, saturated, gray.	2" x 5', 0.010-inch PVC slot screen	20	26	35	3.4	<1.0	10.0 ft. / 10.0 ft.	
		SILT, moist, very stiff, gray.	Bentonite Chips						10.0 ft. / 10.0 ft.	
	30	SAND, fine, silty, moist, gray.	#5 Washed silica sand						10.0 ft. / 10.0 ft.	
		SAND, fine to medium, silty, moist, gray.	2" x 5', 0.010-inch PVC slot screen						10.0 ft. / 10.0 ft.	
	40		Bentonite Chips						10.0 ft. / 10.0 ft.	

MWCD TORX.GPJ 8/12/09

Driller: WDC Exploration & Wells  
 Method (type & size): 4" x 6" Rotosonic  
 Screened Interval (ft. bgs): 12.5-17.5; 23.8-28.8; 53.8-58.2; 109.8-114.8; & 138.6-143.6  
 Screen Size: 0.010 slot  
 Well Material: 2-inch ID Schedule 40 PVC  
 Grout Type: Bentonite

REMARKS MW26(17.5) = 792.16; MW26(28.8) = 792.14; MW26(58.2) = 792.17;  
 MW26(114.8) = 792.15; MW26(143.6) = 792.17



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CLIENT: **Textron**  
 PROJECT NAME: **Former TORX Facility**  
 LOCATION: **Rochester, Indiana**  
 PROJECT NO: **3359-09-2469**  
 GEOLOGIST: **G. Oslosky**  
 DATE DRILLED: **03/10-12/2009**

NORTHING: **2138255.2**  
 EASTING: **174402.73**  
 GROUND SURFACE ELEVATION (feet): **792.40**  
 TOP OF CASING ELEVATION (feet): **See Remarks.**  
 TOTAL DEPTH OF BORING (feet BGL): **145**

# B26 / MW26

STRATA	DEPTH FEET	DESCRIPTION	WELL CONSTRUCTION DETAIL	SAMPLE INFORMATION						RECOVERY / COMMENTS
				ANALYTICAL RESULTS ( ug/L )						
				Sample Interval	Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE	Chloroform	
		SAND, fine to medium, silty, moist, gray. (continued)		0.84J	2.8	4.4	<1.0	<1.0	J = Analyte detected below quantitaion limits	
	60	SAND, fine, silty, moist, gray.		10.0 ft. / 10.0 ft.						
		SILT, moist, stiff, brown.								
	70	SAND, fine, silty, moist, tan.		10.0 ft. / 10.0 ft.						
	80	SILT, trace sand and gravel, moist, stiff to very stiff, gray.		10.0 ft. / 10.0 ft.						
			Bentonite Chips							
	90	SAND, fine to coarse, some silt, some gravel, saturated, gray.		<1.0	<1.0	<1.0	<1.0	<1.0	10.0 ft. / 10.0 ft.	
	100									

MWCD TORX.GPJ 8/12/09

CLIENT: **Textron**  
 PROJECT NAME: **Former TORX Facility**  
 LOCATION: **Rochester, Indiana**  
 PROJECT NO: **3359-09-2469**  
 GEOLOGIST: **G. Oslosky**  
 DATE DRILLED: **03/10-12/2009**

NORTHING: **2138255.2**  
 EASTING: **174402.73**  
 GROUND SURFACE ELEVATION (feet): **792.40**  
 TOP OF CASING ELEVATION (feet): **See Remarks.**  
 TOTAL DEPTH OF BORING (feet BGL): **145**

# B26 / MW26

STRATA	DEPTH FEET	DESCRIPTION	WELL CONSTRUCTION DETAIL	SAMPLE INFORMATION						RECOVERY / COMMENTS
				ANALYTICAL RESULTS (ug/L)						
				Sample Interval	Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE	Chloroform	
[Dotted pattern]	110	SAND, fine to coarse, some silt, some gravel, saturated, gray. (continued)	[Dotted pattern] #5 Washed silica sand 2" x 5', 0.010-inch PVC slot screen		<1.0	<1.0	<1.0	<1.0	<1.0	10.0 ft. / 10.0 ft.
		SILT, moist, very stiff, gray.								
[Dotted pattern]	120	SAND, fine to medium, silty, saturated, gray.	[Cross-hatched pattern] Bentonite Chips		<1.0	<1.0	<1.0	<1.0	2.4	10.0 ft. / 10.0 ft.
		SILT, moist, medium stiff, gray. SAND, fine to coarse, trace silt, trace gravel and cobbles, saturated, gray.								
[Dotted pattern]	130	SAND, fine to coarse, trace silt, trace gravel and cobbles, saturated, gray.	[Cross-hatched pattern] Bentonite Chips		<1.0	<1.0	<1.0	<1.0	2.3	10.0 ft. / 10.0 ft.
		SILT, moist, medium stiff, gray. SAND, fine to coarse, trace silt, trace gravel and cobbles, saturated, gray.								
[Dotted pattern]	140	SAND, fine to coarse, trace silt, trace gravel and cobbles, saturated, gray.	[Dotted pattern] #5 Washed silica sand 2" x 5', 0.010-inch PVC slot screen							10.0 ft. / 10.0 ft.
		SILT, sandy, some gravel and cobbles, moist, very stiff, brownish-gray.								
		LIMESTONE								

CLIENT: **Textron**  
 PROJECT NAME: **Former TORX Facility**  
 LOCATION: **Rochester, Indiana**  
 PROJECT NO: **3359-09-2469**  
 GEOLOGIST: **C. Hortert**  
 DATE DRILLED: **04/12-20/2009**

NORTHING: **2138366.22**  
 EASTING: **174500.41**  
 GROUND SURFACE ELEVATION (feet): **783.43**  
 TOP OF CASING ELEVATION (feet): **See Remarks.**  
 TOTAL DEPTH OF BORING (feet BGL): **137**

# B27 / MW27

STRATA	DEPTH FEET	DESCRIPTION	WELL CONSTRUCTION DETAIL	SAMPLE INFORMATION					RECOVERY / COMMENTS		
				Sample Interval	ANALYTICAL RESULTS (ug/L)						
					Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE	Chloroform		
		SILT, loosely packed, organic material, dry, brown.	Above ground protective casing.								
		SAND, fine to coarse, brown.		#5 Washed silica sand							
		CLAY, silty, gray.			Bentonite Chips						
		SILT, loosely packed, organic material, dry, black.									
	10	CLAY, firm, gray.	#5 Washed silica sand		240	<1.0	640	<1.0	<1.0	10.0 ft. / 10.0 ft.	
		SAND and GRAVEL, coarse, gray.									
		GRAVEL, brownish-yellow.									
		SAND, fine to coarse, silty, brownish-yellow.	2" x 5', 0.010-inch PVC slot screen								
	20				<1.0	<1.0	<1.0	<1.0	<1.0	Primary	
					<1.0	<1.0	<1.0	<1.0	<1.0	Replicate 10.0 ft. / 10.0 ft.	
		SILT, sandy, brownish-yellow.									
	30	SAND, fine to coarse, yellowish-brown.	Bentonite Chips		<1.0	1.6	<1.0	<1.0	<1.0	10.0 ft. / 10.0 ft.	
	40				<1.0	42	<1.0	<1.0	<1.0	10.0 ft. / 10.0 ft.	
			#5 Washed silica sand								

MWCD TORX.GPJ 8/12/09

Driller: **WDC Exploration & Wells**  
 Method (type & size): **4" x 6" Rotasonic**  
 Screened Interval (ft. bgs): **13-18; 48.1-53.1; 70.4-75.4; 99.2-104.2; & 130-135**  
 Screen Size: **0.010 slot**  
 Well Material: **2-inch ID Schedule 40 PVC**  
 Grout Type: **Bentonite**

REMARKS **MW27(18) = 785.82; MW27(53.1) = 785.84; MW27(75.4) = 785.88; MW27(104.2) = 785.84; MW27(135) = 785.85**



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 Miamisburg, Ohio Office: (937) 859-3600

CLIENT: **Textron**  
 PROJECT NAME: **Former TORX Facility**  
 LOCATION: **Rochester, Indiana**  
 PROJECT NO: **3359-09-2469**  
 GEOLOGIST: **C. Hortert**  
 DATE DRILLED: **04/12-20/2009**

NORTHING: **2138366.22**  
 EASTING: **174500.41**  
 GROUND SURFACE ELEVATION (feet): **783.43**  
 TOP OF CASING ELEVATION (feet): **See Remarks.**  
 TOTAL DEPTH OF BORING (feet BGL): **137**

# B27 / MW27

STRATA	DEPTH FEET	DESCRIPTION	WELL CONSTRUCTION DETAIL	SAMPLE INFORMATION					RECOVERY / COMMENTS
				Sample Interval	ANALYTICAL RESULTS (ug/L)				
				Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE	Chloroform	
		SAND, fine to coarse, yellowish-brown. (continued)	2" x 5', 0.010-inch PVC slot screen						
	60		Bentonite Chips	<1.0	41	<1.0	<1.0	<1.0	10.0 ft. / 10.0 ft.
	70	SAND, medium to coarse, gray.	#5 Washed silica sand 2" x 5', 0.010-inch PVC slot screen	3.4	<1.0	50	2.3	<1.0	Primary
				2.8	<1.0	49	1.4	<1.0	Replicate 10.0 ft. / 10.0 ft.
		SILT, clayey, sandy, gray.							
	80								
		CLAY, silty, firm, gray.							
		SAND, coarse, gray.							
	90		Bentonite Chips	12	<1.0	<1.0	<1.0	<1.0	10.0 ft. / 10.0 ft.
		CLAY, silty, firm, gray.							
		SAND, medium to coarse, some gravel, gray.	#5 Washed silica sand 2" x 5', 0.010-inch PVC slot screen	2.6	<1.0	<1.0	<1.0	<1.0	10.0 ft. / 10.0 ft.
	100								

MWCD TORX.GPJ 8/12/09



CLIENT: **Textron**  
 PROJECT NAME: **Former TORX Facility**  
 LOCATION: **Rochester, Indiana**  
 PROJECT NO: **3359-09-2469**  
 GEOLOGIST: **C. Hortert**  
 DATE DRILLED: **04/12-20/2009**

NORTHING: **2138366.22**  
 EASTING: **174500.41**  
 GROUND SURFACE ELEVATION (feet): **783.43**  
 TOP OF CASING ELEVATION (feet): **See Remarks.**  
 TOTAL DEPTH OF BORING (feet BGL): **137**

# B27 / MW27

STRATA	DEPTH FEET	DESCRIPTION	WELL CONSTRUCTION DETAIL	SAMPLE INFORMATION							
				Sample Interval	ANALYTICAL RESULTS (ug/L)					RECOVERY / COMMENTS	
					Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE	Chloroform		
		SAND, medium to coarse, some gravel, gray. (continued)									
	110	CLAY, silty, firm, gray.	Bentonite Chips		<1.0	<1.0	<1.0	<1.0	<1.0	10.0 ft. / 10.0 ft.	
	120										
		SAND, medium to coarse, silty, gray.	#5 Washed silica sand 2" x 5', 0.010-inch PVC slot screen		<1.0	<1.0	<1.0	<1.0	<1.0	10.0 ft. / 10.0 ft.	
	130										
		CLAY, very firm, dry, brown.	Bentonite Chips								
		LIMESTONE, weathered, fractured.									

CLIENT: **Textron**  
 PROJECT NAME: **Former TORX Facility**  
 LOCATION: **Rochester, Indiana**  
 PROJECT NO: **3359-09-2469**  
 GEOLOGIST: **G. Oslosky**  
 DATE DRILLED: **03/17-24/2009**

NORTHING: **2138380.23**  
 EASTING: **174886.59**  
 GROUND SURFACE ELEVATION (feet): **791.12**  
 TOP OF CASING ELEVATION (feet): **See Remarks.**  
 TOTAL DEPTH OF BORING (feet BGL): **150**

# B28 / MW28

STRATA	DEPTH FEET	DESCRIPTION	WELL CONSTRUCTION DETAIL	SAMPLE INFORMATION						RECOVERY / COMMENTS
				Sample Interval	ANALYTICAL RESULTS ( ug/L )					
				Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE	Chloroform		
		SILT, organic material, black.	14-inch flushmount							
		SILT, trace sand, soft, moist, brown.								
		CLAY, sandy, moist, soft, brown.							5.0 ft. / 5.0 ft.	
		SAND, fine to medium, trace silt, moist, orangish-brown.								
	10		Bentonite Chips						10.0 ft. / 10.0 ft.	
		SILT, some fine sand, moist, orangish-brown,								
		SAND, fine to medium, trace silt, trace coarse sand, moist, brown.								
	20		#5 Washed silica sand 2" x 5', 0.010-inch PVC slot screen						10.0 ft. / 10.0 ft.	
		SILT, trace fine sand, moist, stiff, tan.								
		SAND, fine to medium, some coarse sand, trace silt, saturated, brown.								
	30			<1.0	<1.0	<1.0	<1.0	<1.0	10.0 ft. / 10.0 ft.	
		CLAY, sandy, moist, medium stiff, brown orange mottling.								
		SAND, fine to coarse, some silt, saturated, brown grading to gray.								
	40		Bentonite Chips							
				<1.0	<1.0	<1.0	<1.0	<1.0	10.0 ft. / 10.0 ft.	
			#5 Washed silica sand							

MWCD\_TORX.GPJ 8/12/09

Driller: **WDC Exploration & Wells**  
 Method (type & size): **4" x 6" Rotosonic**  
 Screened Interval (ft. bgs): **19.3-24.3; 48.2-53.2; 112.7-117.7; & 133.1-138.1**  
 Screen Size: **0.010 slot**  
 Well Material: **2-inch ID Schedule 40 PVC**  
 Grout Type: **Bentonite**

REMARKS **MW28(24.3) = 790.47; MW28(53.2) = 790.58; MW28(117.7) = 790.57; MW28(138.1) = 790.59**



MACTEC Engineering and Consulting, Inc.  
 Miamisburg, Ohio Office: (937) 859-3600

CLIENT: **Textron**  
 PROJECT NAME: **Former TORX Facility**  
 LOCATION: **Rochester, Indiana**  
 PROJECT NO: **3359-09-2469**  
 GEOLOGIST: **G. Oslosky**  
 DATE DRILLED: **03/17-24/2009**

NORTHING: **2138380.23**  
 EASTING: **174886.59**  
 GROUND SURFACE ELEVATION (feet): **791.12**  
 TOP OF CASING ELEVATION (feet): **See Remarks.**  
 TOTAL DEPTH OF BORING (feet BGL): **150**

# B28 / MW28

STRATA	DEPTH FEET	DESCRIPTION	WELL CONSTRUCTION DETAIL	SAMPLE INFORMATION					RECOVERY / COMMENTS		
				Sample Interval	ANALYTICAL RESULTS (ug/L)						
					Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE	Chloroform		
		SAND, fine to coarse, some silt, saturated, brown grading to gray. (continued)	2" x 5', 0.010-inch PVC slot screen		<1.0	<1.0	<1.0	<1.0	<1.0	10.0 ft. / 10.0 ft.	
		SILT, sandy, very stiff, moist, gray.									10.0 ft. / 10.0 ft.
	60										
		CLAY, sandy, moist, gray.	Bentonite Chips							10.0 ft. / 10.0 ft.	
	70										10.0 ft. / 10.0 ft.
											10.0 ft. / 10.0 ft.
		SAND, fine to medium, trace silt, saturated, gray.								10.0 ft. / 10.0 ft.	
	90										
		SILT, trace fine sand, very stiff, gray.								10.0 ft. / 10.0 ft.	
		CLAY, trace sand and gravel, moist, soft to very stiff, gray.								10.0 ft. / 10.0 ft.	
	100										

MWCD TORX GPJ 8/12/09

CLIENT: **Textron**  
 PROJECT NAME: **Former TORX Facility**  
 LOCATION: **Rochester, Indiana**  
 PROJECT NO: **3359-09-2469**  
 GEOLOGIST: **G. Oslosky**  
 DATE DRILLED: **03/17-24/2009**

NORTHING: **2138380.23**  
 EASTING: **174886.59**  
 GROUND SURFACE ELEVATION (feet): **791.12**  
 TOP OF CASING ELEVATION (feet): **See Remarks.**  
 TOTAL DEPTH OF BORING (feet BGL): **150**

# B28 / MW28

SHEET 3 OF 3

STRATA	DEPTH FEET	DESCRIPTION	WELL CONSTRUCTION DETAIL	SAMPLE INFORMATION						RECOVERY / COMMENTS
				ANALYTICAL RESULTS (ug/L)						
				Sample Interval	Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE	Chloroform	
		CLAY, trace sand and gravel, moist, soft to very stiff, gray. <i>(continued)</i>								
	110	SAND, fine to medium, silty, gray.	#5 Washed silica sand		<1.0	<1.0	<1.0	<1.0	1.5	10.0 ft. / 10.0 ft.
			2" x 5', 0.010-inch PVC slot screen							
	120	CLAY, some sand, trace gravel, medium stiff, saturated, gray.	Bentonite Chips							10.0 ft. / 10.0 ft.
	130	SAND, fine to coarse, some silt, saturated, gray. CLAY, some sand, very stiff, moist, gray.	#5 Washed silica sand		<1.0	<1.0	<1.0	<1.0	<1.0	10.0 ft. / 10.0 ft.
	140	SAND, fine to medium, trace clay, saturated, gray.	2" x 5', 0.010-inch PVC slot screen		<1.0	<1.0	<1.0	<1.0	1.8	10.0 ft. / 10.0 ft.
			Bentonite Chips							5.0 ft. / 5.0 ft.
		CLAY, sandy, stiff, moist, gray.								
		LIMESTONE.								
	150									

CLIENT: **Textron**  
 PROJECT NAME: **Former TORX Facility**  
 LOCATION: **Rochester, Indiana**  
 PROJECT NO: **3359-09-2469**  
 GEOLOGIST: **G. Oslosky**  
 DATE DRILLED: **03/25-27/2009**

NORTHING: **2138309.28**  
 EASTING: **175489.5**  
 GROUND SURFACE ELEVATION (feet): **802.06**  
 TOP OF CASING ELEVATION (feet): **See Remarks.**  
 TOTAL DEPTH OF BORING (feet BGL): **157**

# B29 / MW29

STRATA	DEPTH FEET	DESCRIPTION	WELL CONSTRUCTION DETAIL	SAMPLE INFORMATION					RECOVERY / COMMENTS
				Sample Interval	ANALYTICAL RESULTS ( ug/L )				
				Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE	Chloroform	
		SILT, sandy, organic material, moist, brown.	14-inch flushmount						
		SAND, fine, silty, moist, orange.							
		CLAY, sandy, soft, moist, orange.							10.0 ft. / 10.0 ft.
	10	SAND, fine to medium, silty, trace coarse sand, moist, orange.							10.0 ft. / 10.0 ft.
	20	SILT, sandy, soft, moist, orange.							10.0 ft. / 10.0 ft.
		SAND, fine to medium, trace silt, moist orangish brown.							
	30	CLAY, sandy, moist, very stiff, brown with orange mottling.	Bentonite Chips						10.0 ft. / 10.0 ft.
		SAND, fine, some silt, moist, orange.							
	40	SILT, sandy, very stiff, moist, gray.							10.0 ft. / 10.0 ft.

Driller: WDC Exploration & Wells  
 Method (type & size): 4" x 6" Rotosonic  
 Screened Interval (ft. bgs): 77.5-82.5; 98.3-103.3; & 127.3-132.3;  
 Screen Size: 0.010 slot  
 Well Material: 2-inch ID Schedule 40 PVC  
 Grout Type: Bentonite

REMARKS MW29(82.5) = 801.45; MW29(103.3) = 801.45; MW29(132.3) = 801.47



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CLIENT: **Textron**  
 PROJECT NAME: **Former TORX Facility**  
 LOCATION: **Rochester, Indiana**  
 PROJECT NO: **3359-09-2469**  
 GEOLOGIST: **G. Oslosky**  
 DATE DRILLED: **03/25-27/2009**

NORTHING: **2138309.28**  
 EASTING: **175489.5**  
 GROUND SURFACE ELEVATION (feet): **802.06**  
 TOP OF CASING ELEVATION (feet): **See Remarks.**  
 TOTAL DEPTH OF BORING (feet BGL): **157**

# B29 / MW29

STRATA	DEPTH FEET	DESCRIPTION	WELL CONSTRUCTION DETAIL	SAMPLE INFORMATION					RECOVERY / COMMENTS
				Sample Interval	ANALYTICAL RESULTS (ug/L)				
				Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE	Chloroform	
		SILT, sandy, very stiff, moist, gray. (continued)							10.0 ft. / 10.0 ft.
	60	SAND, fine, silty, saturated, gray.							10.0 ft. / 10.0 ft.
	70								Primary
									Replicate
									10.0 ft. / 10.0 ft.
			#5 Washed silica sand						
			2" x 5', 0.010-inch PVC slot screen						
	80								10.0 ft. / 10.0 ft.
		SILT, sandy, stiff, saturated, gray.							
		SAND, silty, stiff, saturated, gray.							
		SILT, sandy, stiff, saturated, gray.							
		CLAY, very stiff, moist, gray.							
	90		Bentonite Chips						10.0 ft. / 10.0 ft.
		SAND, fine to coarse, trace silt, saturated, gray.							
	100		#5 Washed silica sand						
			2" x 5', 0.010-inch PVC slot screen						
									Toluene = 2.8 ppb
								1.6	10.0 ft. / 10.0 ft.
		CLAY, trace sand and gravel, very stiff, gray.							

MWCD TORX GPJ 8/12/09

CLIENT: **Textron**  
 PROJECT NAME: **Former TORX Facility**  
 LOCATION: **Rochester, Indiana**  
 PROJECT NO: **3359-09-2469**  
 GEOLOGIST: **G. Oslosky**  
 DATE DRILLED: **03/25-27/2009**

NORTHING: **2138309.28**  
 EASTING: **175489.5**  
 GROUND SURFACE ELEVATION (feet): **802.06**  
 TOP OF CASING ELEVATION (feet): **See Remarks.**  
 TOTAL DEPTH OF BORING (feet BGL): **157**

# B29 / MW29

STRATA	DEPTH FEET	DESCRIPTION	WELL CONSTRUCTION DETAIL	SAMPLE INFORMATION						RECOVERY / COMMENTS
				ANALYTICAL RESULTS (ug/L)						
				Sample Interval	Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE	Chloroform	
[Dotted pattern]	110	SAND, fine to coarse, some gravel, saturated, gray. (continued)	[Diagonal hatching]	[Wavy lines]	<1.0	<1.0	<1.0	<1.0	<1.0	10.0 ft. / 10.0 ft.
	120	CLAY, trace gravel, very stiff, moist, gray.			[Wavy lines]	<1.0	<1.0	<1.0	<1.0	<1.0
[Diagonal hatching]		CLAY, trace gravel, very stiff, moist, gray.	[Diagonal hatching]	[Wavy lines]						
[Dotted pattern]	130	SAND, fine to coarse, trace gravel, saturated, gray.			[Wavy lines]	<1.0	<1.0	<1.0	<1.0	<1.0
[Diagonal hatching]		CLAY, sandy, trace gravel and cobbles, moist, very stiff, gray.	[Diagonal hatching]	[Wavy lines]						
	140				[Wavy lines]					
	150		[Diagonal hatching]	[Wavy lines]						10.0 ft. / 10.0 ft.
		SAND and GRAVEL, medium to coarse, saturated, gray. LIMESTONE.								5.0 ft. / 5.0 ft.

CLIENT: **Textron**  
 PROJECT NAME: **Former TORX Facility**  
 LOCATION: **Rochester, Indiana**  
 PROJECT NO: **3359-09-2469**  
 GEOLOGIST: **D. Gross**  
 DATE DRILLED: **03/09-11/2009**

NORTHING: **2137491.62**  
 EASTING: **174870.14**  
 GROUND SURFACE ELEVATION (feet): **794.93**  
 TOP OF CASING ELEVATION (feet): **See Remarks.**  
 TOTAL DEPTH OF BORING (feet BGL): **154**

# B30 / MW30

STRATA	DEPTH FEET	DESCRIPTION	WELL CONSTRUCTION DETAIL	SAMPLE INFORMATION						RECOVERY / COMMENTS
				Sample Interval	ANALYTICAL RESULTS (ug/L)					
				Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE	Chloroform		
		SILT, sandy, trace clay, trace medium to coarse sand, moist, dark gray brown.	14-inch flushmount							
		SAND, fine, silty, trace medium to coarse sand, moist, yellowish brown.								
		CLAY, silty, trace fine sand, moist, yellowish-brown.								4.4 ft. / 10.0 ft.
		SAND, fine, some clay and silt, trace fine to medium gravel, moist, dark yellowish brown.								7.7 ft. / 10.0 ft.
	10									
	20		Bentonite Chips	<1.0	<1.0	<1.0	<1.0	2.2	10.0 ft. / 10.0 ft.	
		SILT, trace clay and fine sand, saturated, yellow-brown.								
	30									
		SAND, fine to coarse, trace fine to medium gravel, saturated, yellowish brown.		3.2	43	200	4.5	<1.0	Chloroethane = 2.7 ppb 6.5 ft. / 10.0 ft.	
	40		#5 Washed silica sand 2" x 5', 0.010-inch PVC slot screen							
		CLAY, silty, trace fine to coarse sand, trace fine to medium gravel, moist, gray.							10.3 ft. / 10.0 ft.	

MWCD\_TORX.GPJ 8/12/09

Driller: **WDC Exploration & Wells**  
 Method (type & size): **4" x 6" Rotosonic**  
 Screened Interval (ft. bgs): **36.1-41.1; 115.2-120.2; & 143-148**  
 Screen Size: **0.010 slot**  
 Well Material: **2-inch ID Schedule 40 PVC**  
 Grout Type: **Bentonite**

REMARKS **MW30(41.1) = 794.57; MW30(120.2) = 794.57; MW30(148) = 794.58**



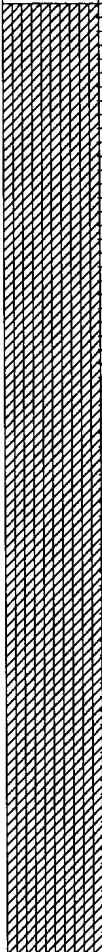

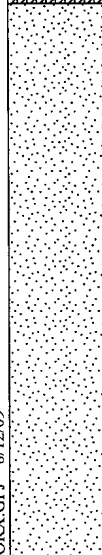
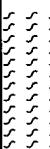

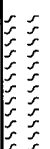
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 Miamisburg, Ohio Office: (937) 859-3600



CLIENT: **Textron**  
 PROJECT NAME: **Former TORX Facility**  
 LOCATION: **Rochester, Indiana**  
 PROJECT NO: **3359-09-2469**  
 GEOLOGIST: **D. Gross**  
 DATE DRILLED: **03/09-11/2009**

NORTHING: **2137491.62**  
 EASTING: **174870.14**  
 GROUND SURFACE ELEVATION (feet): **794.93**  
 TOP OF CASING ELEVATION (feet): **See Remarks.**  
 TOTAL DEPTH OF BORING (feet BGL): **154**

# B30 / MW30

STRATA	DEPTH FEET	DESCRIPTION	WELL CONSTRUCTION DETAIL	SAMPLE INFORMATION						RECOVERY / COMMENTS
				ANALYTICAL RESULTS (ug/L)						
				Sample Interval	Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE	Chloroform	
		CLAY, silty, trace fine to coarse sand, trace fine to medium gravel, moist, gray. (continued)	 Bentonite Chips							9.6 ft. / 10.0 ft.
	60									9.6 ft. / 10.0 ft.
	70									9.3 ft. / 10.0 ft.
	80									8.9 ft. / 10.0 ft.
		SAND, fine to medium, trace coarse sand and silt, saturated, grayish-brown.								
	90				<1.0	<1.0	<1.0	<1.0	<1.0	7.4 ft. / 10.0 ft.
		CLAY, sandy, some silt, trace medium to coarse sand, trace fine gravel, saturated, dark gray.								
	100				<1.0	<1.0	<1.0	<1.0	<1.0	8.0 ft. / 10.0 ft.

MWCD TORX GPI 8/12/09

CLIENT: **Textron**  
 PROJECT NAME: **Former TORX Facility**  
 LOCATION: **Rochester, Indiana**  
 PROJECT NO: **3359-09-2469**  
 GEOLOGIST: **D. Gross**  
 DATE DRILLED: **03/09-11/2009**

NORTHING: **2137491.62**  
 EASTING: **174870.14**  
 GROUND SURFACE ELEVATION (feet): **794.93**  
 TOP OF CASING ELEVATION (feet): **See Remarks.**  
 TOTAL DEPTH OF BORING (feet BGL): **154**

# B30 / MW30

STRATA	DEPTH FEET	DESCRIPTION	WELL CONSTRUCTION DETAIL	SAMPLE INFORMATION						RECOVERY / COMMENTS
				ANALYTICAL RESULTS ( ug/L)						
				Sample Interval	Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE	Chloroform	
	110	SAND, fine to coarse, some fine sand and gravel, trace silt, trace medium to coarse gravel, saturated, dark gray. (continued)			<1.0	<1.0	<1.0	<1.0	<1.0	10.1 ft. / 10.0 ft.
	120	SILT, sandy, trace clay, saturated, gray.				<1.0	<1.0	<1.0	<1.0	1.3
	130	CLAY, silty, moist, gray.								10.2 ft. / 10.0 ft.
	140	SAND, fine to coarse, some silt, trace fine gravel, saturated, gray.				<1.0	<1.0	<1.0	<1.0	1.2
	150	CLAY, some fine to coarse sand and fine to medium gravel, trace cobbles, moist, gray.								9.1 ft. / 10.0 ft.
		LIMESTONE, weathered.								

CLIENT: **Textron**  
 PROJECT NAME: **Former TORX Facility**  
 LOCATION: **Rochester, Indiana**  
 PROJECT NO: **3359-09-2469**  
 GEOLOGIST: **G. Oslosky**  
 DATE DRILLED: **03/28-31/2009**

NORTHING: **2137570.03**  
 EASTING: **175580.68**  
 GROUND SURFACE ELEVATION (feet): **781.84**  
 TOP OF CASING ELEVATION (feet): **See Remarks.**  
 TOTAL DEPTH OF BORING (feet BGL): **140**

**B31 / MW31**

SHEET 1 OF 3

STRATA	DEPTH FEET	DESCRIPTION	WELL CONSTRUCTION DETAIL	SAMPLE INFORMATION					RECOVERY / COMMENTS
				Sample Interval	ANALYTICAL RESULTS (ug/L)				
				Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE	Chloroform	
		SILT, sandy, with organics, trace cobbles, moist, brown.	14-inch flushmount						
		SAND, silty, fine to coarse, trace gravel, moist, orange.							10.0 ft. / 10.0 ft.
		CLAY, sandy, some gravel, soft, moist, orange.							10.0 ft. / 10.0 ft.
		SAND, fine to coarse, some silt, trace coarse sand, saturated, tan.							10.0 ft. / 10.0 ft.
	10								
			Bentonite Chips						
	20								
			#5 Washed silica sand						
			2" x 5', 0.010-inch PVC slot screen						
	30								
			#5 Washed silica sand	<1.0	<1.0	<1.0	<1.0	<1.0	10.0 ft. / 10.0 ft.
	40								
		CLAY, some fine sand, stiff, moist, gray.	Bentonite Chips						10.0 ft. / 10.0 ft.
			#5 Washed silica sand						

Driller: WDC Exploration & Wells  
 Method (type & size): 4" x 6" Rotosonic  
 Screened Interval (ft. bgs): 25.9-30.9; 50.5-55.5; 93.5-98.5; & 134.2-139.2  
 Screen Size: 0.010 slot  
 Well Material: 2-inch ID Schedule 40 PVC  
 Grout Type: Bentonite

REMARKS MW31(30.9) = 781.48; MW31(55.5) = 781.47; MW31(98.5) = 781.46;  
 MW31(139.2) = 781.48



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MWCD\_TORX.GPJ 8/12/09

CLIENT: **Textron**  
 PROJECT NAME: **Former TORX Facility**  
 LOCATION: **Rochester, Indiana**  
 PROJECT NO: **3359-09-2469**  
 GEOLOGIST: **G. Oslosky**  
 DATE DRILLED: **03/28-31/2009**

NORTHING: **2137570.03**  
 EASTING: **175580.68**  
 GROUND SURFACE ELEVATION (feet): **781.84**  
 TOP OF CASING ELEVATION (feet): **See Remarks.**  
 TOTAL DEPTH OF BORING (feet BGL): **140**

# B31 / MW31

STRATA	DEPTH FEET	DESCRIPTION	WELL CONSTRUCTION DETAIL	SAMPLE INFORMATION					RECOVERY / COMMENTS	
				Sample Interval	ANALYTICAL RESULTS (ug/L)					
					Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE	Chloroform	
		SAND, fine to medium, some silt, saturated, gray.	2" x 5', 0.010-inch PVC slot screen		<1.0	<1.0	<1.0	<1.0	2.0	Toluene = 1.2 ppb 10.0 ft. / 10.0 ft.
	60	SILT, sandy, stiff, moist, gray.								10.0 ft. / 10.0 ft.
	70		Bentonite Chips							10.0 ft. / 10.0 ft.
		CLAY, hard, moist, gray.								
	80	SAND, fine to coarse, some gravel, trace silt, saturated, gray.			<1.0	<1.0	<1.0	<1.0	<1.0	10.0 ft. / 10.0 ft.
	90		#5 Washed silica sand							
			2" x 5', 0.010-inch PVC slot screen		2.6	<1.0	<1.0	<1.0	<1.0	10.0 ft. / 10.0 ft.
	100									
		SILT, some fine sand, stiff, moist, gray.			<1.0	<1.0	<1.0	<1.0	<1.0	10.0 ft. / 10.0 ft.

MWCD\_TORX.GPJ 8/12/09

CLIENT: **Textron**  
 PROJECT NAME: **Former TORX Facility**  
 LOCATION: **Rochester, Indiana**  
 PROJECT NO: **3359-09-2469**  
 GEOLOGIST: **G. Oslosky**  
 DATE DRILLED: **03/28-31/2009**

NORTHING: **2137570.03**  
 EASTING: **175580.68**  
 GROUND SURFACE ELEVATION (feet): **781.84**  
 TOP OF CASING ELEVATION (feet): **See Remarks.**  
 TOTAL DEPTH OF BORING (feet BGL): **140**

# B31 / MW31

STRATA	DEPTH FEET	DESCRIPTION	WELL CONSTRUCTION DETAIL	SAMPLE INFORMATION						RECOVERY / COMMENTS
				ANALYTICAL RESULTS (ug/L)						
				Sample Interval	Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE	Chloroform	
	110	SILT, some fine sand, stiff, moist, gray. <i>(continued)</i> CLAY, hard, moist, gray.	Bentonite Chips							10.0 ft. / 10.0 ft.
	120	SILT, hard, moist, gray.								10.0 ft. / 10.0 ft.
	130	SAND, fine to coarse, some silt, trace gravel and cobbles, saturated, gray.	#5 Washed silica sand 2" x 5', 0.010-inch PVC slot screen	130-135	<1.0	<1.0	<1.0	<1.0	<1.0	10.0 ft. / 10.0 ft.
	140	LIMESTONE.								5.0 ft. / 5.0 ft.

CLIENT: **Textron**  
 PROJECT NAME: **Former TORX Facility**  
 LOCATION: **Rochester, Indiana**  
 PROJECT NO: **3359-09-2469**  
 GEOLOGIST: **D. Gross**  
 DATE DRILLED: **02/23-26/2009**

NORTHING: **2136830.92**  
 EASTING: **175422.45**  
 GROUND SURFACE ELEVATION (feet): **784.99**  
 TOP OF CASING ELEVATION (feet): **See Remarks.**  
 TOTAL DEPTH OF BORING (feet BGL): **143**

# B32 / MW32

STRATA	DEPTH FEET	DESCRIPTION	WELL CONSTRUCTION DETAIL	SAMPLE INFORMATION					RECOVERY / COMMENTS
				Sample Interval	ANALYTICAL RESULTS (ug/L)				
				Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE	Chloroform	
		SILT, trace fine to coarse sand and clay, moist, dark brown.	14-inch flushmount						
		SAND, fine, trace medium to coarse sand, trace gravel, moist, light yellow brown.							3.4 ft. / 10.0 ft.
	10		Bentonite Chips						5.5 ft. / 10.0 ft.
		SAND, fine to coarse, trace medium to coarse, trace gravel, moist, light yellow brown.	#5 Washed silica sand						
	20		2" x 5', 0.010-inch PVC slot screen	2.2	<1.0	4.4	<1.0	<1.0	8.4 ft. / 10.0 ft.
		CLAY, silty, sandy, trace medium to coarse sand, trace fine to medium gravel, moist, dark gray.							
	30								8.3 ft. / 10.0 ft.
		SAND, fine to medium, some coarse sand, trace fine to medium gravel, saturated, gray-brown.							
	40		Bentonite Chips						11.1 ft. / 10.0 ft.

MWCD TORX.GPJ 8/12/09

Driller: WDC Exploration & Wells  
 Method (type & size): 4" x 6" Rotosonic  
 Screened Interval (ft. bgs): 19.1-24.1; 84-89; & 105-110  
 Screen Size: 0.010 slot  
 Well Material: 2-inch ID Schedule 40 PVC  
 Grout Type: Bentonite

REMARKS MW32(24.1) = 787.80; MW32(89) = 787.85; MW32(110) = 787.82



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CLIENT: **Textron**  
 PROJECT NAME: **Former TORX Facility**  
 LOCATION: **Rochester, Indiana**  
 PROJECT NO: **3359-09-2469**  
 GEOLOGIST: **D. Gross**  
 DATE DRILLED: **02/23-26/2009**

NORTHING: **2136830.92**  
 EASTING: **175422.45**  
 GROUND SURFACE ELEVATION (feet): **784.99**  
 TOP OF CASING ELEVATION (feet): **See Remarks.**  
 TOTAL DEPTH OF BORING (feet BGL): **143**

# B32 / MW32

STRATA	DEPTH FEET	DESCRIPTION	WELL CONSTRUCTION DETAIL	SAMPLE INFORMATION					RECOVERY / COMMENTS
				Sample Interval	ANALYTICAL RESULTS (ug/L)				
				Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE	Chloroform	
		CLAY, sandy, fine to coarse, some silt, hard, moist, gray. (continued)							7.9 ft. / 10.0 ft.
	60	SAND, fine to coarse, trace fine gravel, saturated, brown-gray.		3.0	<1.0	15.8	<1.0	<1.0	10.9 ft. / 10.0 ft.
	70			7.8	<1.0	3.2	<1.0	<1.0	9.3 ft. / 10.0 ft.
	80			10.6	<1.0	<1.0	<1.0	<1.0	5.6 ft. / 10.0 ft.
	90		#5 Washed silica sand 2" x 5', 0.010-inch PVC slot screen	1.5	<1.0	<1.0	<1.0	<1.0	0.0 ft. / 10.0 ft. (No recovery)
			Bentonite Chips						
	100			<1.0	<1.0	<1.0	<1.0	<1.0	Primary
			#5 Washed silica sand	<1.0	<1.0	<1.0	<1.0	<1.0	Replicate 8.5 ft. / 10.0 ft.

MWCD TORX.GPJ 8/12/09

CLIENT: **Textron**  
 PROJECT NAME: **Former TORX Facility**  
 LOCATION: **Rochester, Indiana**  
 PROJECT NO: **3359-09-2469**  
 GEOLOGIST: **D. Gross**  
 DATE DRILLED: **02/23-26/2009**

NORTHING: **2136830.92**  
 EASTING: **175422.45**  
 GROUND SURFACE ELEVATION (feet): **784.99**  
 TOP OF CASING ELEVATION (feet): **See Remarks.**  
 TOTAL DEPTH OF BORING (feet BGL): **143**

# B32 / MW32

STRATA	DEPTH FEET	DESCRIPTION	WELL CONSTRUCTION DETAIL	SAMPLE INFORMATION						RECOVERY / COMMENTS
				Sample Interval	ANALYTICAL RESULTS (ug/L)					
				Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE	Chloroform		
	110	GRAVEL, fine to medium, trace fine to medium sand, trace silt and clay, saturated, brown-gray. <i>(continued)</i> SAND, very fine, trace silt and clay, saturated, brown-gray. CLAY, silty, hard, moist, gray.	2" x 5', 0.010-inch PVC slot screen						9.4 ft. / 10.0 ft.	
	120		Bentonite Chips						11.8 ft. / 10.0 ft.	
	130			~~~~~	<1.0	<1.0	<1.0	<1.0	<1.0	10.0 ft. / 10.0 ft.
			SAND, fine, some silt, trace clay, saturated, brown-gray. CLAY, some silt and fine sand, grayish brown.							8.5 ft. / 7.0 ft.
	140	SAND, fine, clayey, trace fine gravel, brown-gray. CLAY, some silt and fine sand, trace fine to coarse sand, dark grayish brown. LIMESTONE.								2.0 ft. / 2.0 ft.



CLIENT: **Textron**  
 PROJECT NAME: **Former TORX Facility**  
 LOCATION: **Rochester, Indiana**  
 PROJECT NO: **3359-09-2469**  
 GEOLOGIST: **G. Oslosky**  
 DATE DRILLED: **04/06-10/2009**

NORTHING: **2136232.14**  
 EASTING: **174238.04**  
 GROUND SURFACE ELEVATION (feet): **795.53**  
 TOP OF CASING ELEVATION (feet): **See Remarks.**  
 TOTAL DEPTH OF BORING (feet BGL): **208**

# B33 / MW33

SHEET 1 OF 4

STRATA	DEPTH FEET	DESCRIPTION	WELL CONSTRUCTION DETAIL	SAMPLE INFORMATION						
				Sample Interval	ANALYTICAL RESULTS (ug/L)					RECOVERY / COMMENTS
					Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE	Chloroform	
		SAND, clayey, with organics, moist, brown.	14-inch flushmount							
		CLAY, sandy, trace gravel, soft, moist, orange.								
		SAND, fine to coarse, trace silt, saturated, gray.								5.0 ft. / 5.0 ft.
		SAND, fine to medium, trace silt, saturated, gray.								
	10		Bentonite Chips							10.0 ft. / 10.0 ft.
			#5 Washed silica sand							
	20		2" x 5', 0.010-inch PVC slot screen							10.0 ft. / 10.0 ft.
		CLAY, some fine sand, trace coarse sand, stiff, moist, brown.								
		SAND, fine, clayey, soft, saturated, orange.								
	30	SAND and GRAVEL, clayey, saturated, orange.								10.0 ft. / 10.0 ft.
		CLAY, trace sand, stiff, moist, gray.								
	40		Bentonite Chips							10.0 ft. / 10.0 ft.

MWCD TORX.GPJ 8/12/09

Driller: WDC Exploration & Wells  
 Method (type & size): 4" x 6" Rotosonic  
 Screened Interval (ft. bgs): 17.1-23.1; 65.9-70.9; 124.1-129.1; & 203.9-208.9  
 Screen Size: ~~203.9-208.9~~  
 Well Material: 2-inch ID Schedule 40 PVC  
 Grout Type: Bentonite

REMARKS MW33(23.1) = 795.11; MW33(70.9) = 794.09; MW33(129.1) = 794.95; MW33(208.9) = 794.93



MACTEC Engineering and Consulting, Inc.  
 Miamisburg, Ohio Office: (937) 859-3600

CLIENT: **Textron**  
 PROJECT NAME: **Former TORX Facility**  
 LOCATION: **Rochester, Indiana**  
 PROJECT NO: **3359-09-2469**  
 GEOLOGIST: **G. Oslosky**  
 DATE DRILLED: **04/06-10/2009**

NORTHING: **2136232.14**  
 EASTING: **174238.04**  
 GROUND SURFACE ELEVATION (feet): **795.53**  
 TOP OF CASING ELEVATION (feet): **See Remarks.**  
 TOTAL DEPTH OF BORING (feet BGL): **208**

# B33 / MW33

STRATA	DEPTH FEET	DESCRIPTION	WELL CONSTRUCTION DETAIL	SAMPLE INFORMATION					RECOVERY / COMMENTS	
				Sample Interval	ANALYTICAL RESULTS ( ug/L )					
				Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE	Chloroform		
		SAND, fine to coarse, trace silt and gravel, saturated, gray.	<p>#5 Washed silica sand 2" x 5', 0.010-inch PVC slot screen</p>						10.0 ft. / 10.0 ft.	
		CLAY, some sand, saturated, gray.								
	60	SAND, fine to coarse, some silt, saturated, gray.			<1.0	<1.0	<1.0	<1.0	<1.0	10.0 ft. / 10.0 ft.
	70	CLAY, trace sand, hard, moist, gray.			<1.0	<1.0	<1.0	<1.0	<1.0	10.0 ft. / 10.0 ft.
		SAND, fine to coarse, trace silt, trace gravel, saturated, gray.			<1.0	<1.0	<1.0	<1.0	<1.0	10.0 ft. / 10.0 ft.
	80			<1.0	<1.0	<1.0	<1.0	<1.0	10.0 ft. / 10.0 ft.	
	90			<1.0	<1.0	<1.0	<1.0	<1.0	10.0 ft. / 10.0 ft.	
	100		Bentonite Chips	<1.0	<1.0	<1.0	<1.0	<1.0	10.0 ft. / 10.0 ft.	

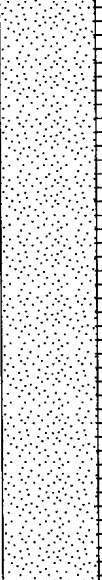

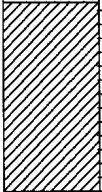
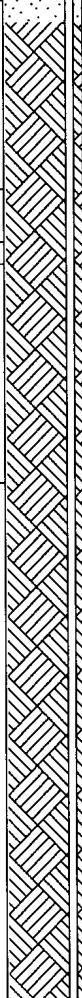

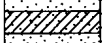
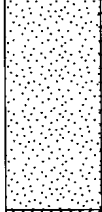
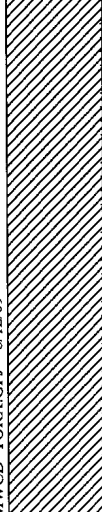
MWCD TORX.GPJ 8/12/09

CLIENT: **Textron**  
 PROJECT NAME: **Former TORX Facility**  
 LOCATION: **Rochester, Indiana**  
 PROJECT NO: **3359-09-2469**  
 GEOLOGIST: **G. Oslosky**  
 DATE DRILLED: **04/06-10/2009**

NORTHING: **2136232.14**  
 EASTING: **174238.04**  
 GROUND SURFACE ELEVATION (feet): **795.53**  
 TOP OF CASING ELEVATION (feet): **See Remarks.**  
 TOTAL DEPTH OF BORING (feet BGL): **208**

**B33 / MW33**

SHEET 3 OF 4

STRATA	DEPTH FEET	DESCRIPTION	WELL CONSTRUCTION DETAIL	SAMPLE INFORMATION						RECOVERY / COMMENTS
				Sample Interval	ANALYTICAL RESULTS (ug/L)					
					Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE	Chloroform	
	110	SAND, fine to coarse, trace silt, trace gravel, saturated, gray. (continued)		110-115	<1.0	<1.0	<1.0	<1.0	<1.0	10.0 ft. / 10.0 ft.
	120			115-125	<1.0	<1.0	<1.0	<1.0	<1.0	10.0 ft. / 10.0 ft.
	130	CLAY, stiff, moist, gray.								
		SAND, fine to coarse, some silt, trace gravel, saturated, gray.								
		CLAY, some sand and gravel, stiff, moist, gray.								
	140	SAND, fine to coarse, some silt, trace gravel, saturated, gray.		135-140	<1.0	<1.0	<1.0	<1.0	<1.0	10.0 ft. / 10.0 ft.
	150	CLAY, trace fine sand, stiff, moist, gray.								
	160									

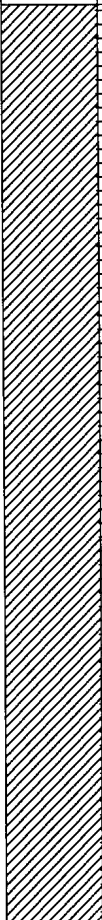

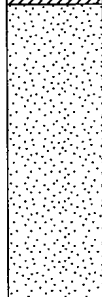
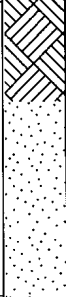
MWCD\_TORX.GPJ 8/12/09

CLIENT: **Textron**  
 PROJECT NAME: **Former TORX Facility**  
 LOCATION: **Rochester, Indiana**  
 PROJECT NO: **3359-09-2469**  
 GEOLOGIST: **G. Oslosky**  
 DATE DRILLED: **04/06-10/2009**

NORTHING: **2136232.14**  
 EASTING: **174238.04**  
 GROUND SURFACE ELEVATION (feet): **795.53**  
 TOP OF CASING ELEVATION (feet): **See Remarks.**  
 TOTAL DEPTH OF BORING (feet BGL): **208**

**B33 / MW33**

SHEET 4 OF 4

STRATA	DEPTH FEET	DESCRIPTION	WELL CONSTRUCTION DETAIL	SAMPLE INFORMATION						RECOVERY / COMMENTS
				Sample Interval	ANALYTICAL RESULTS (ug/L)					
					Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE	Chloroform	
	170	CLAY, trace fine sand, stiff, moist, gray. (continued)								
	180									
	190	SAND, fine to coarse, some gravel, saturated, gray.							10.0 ft. / 10.0 ft.	
	200									
			#5 Washed silica sand 2" x 5', 0.010-inch PVC slot screen		<1.0	<1.0	<1.0	<1.0	<1.0	5.0 ft. / 5.0 ft.
		LIMESTONE.								

CLIENT: **Textron**  
 PROJECT NAME: **Former TORX Facility**  
 LOCATION: **Rochester, Indiana**  
 PROJECT NO: **3359-09-2469**  
 GEOLOGIST: **D. Gross**  
 DATE DRILLED: **02/27-03/03/2009**

NORTHING: **2135922.77**  
 EASTING: **175093.99**  
 GROUND SURFACE ELEVATION (feet): **778.03**  
 TOP OF CASING ELEVATION (feet): **See Remarks.**  
 TOTAL DEPTH OF BORING (feet BGL): **135**

# B34 / MW34

SHEET 1 OF 3

STRATA	DEPTH FEET	DESCRIPTION	WELL CONSTRUCTION DETAIL	SAMPLE INFORMATION					RECOVERY / COMMENTS
				Sample Interval	ANALYTICAL RESULTS ( ug/L)				
				Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE	Chloroform	
		CLAY, sandy, some silt, moist, yellowish brown.	14-inch flushmount						
		SAND, fine to coarse, trace silt, trace clay and fine gravel, yellow brown.							4.5 ft. / 5.0 ft.
	10								6.5 ft. / 10.0 ft.
			Bentonite Chips	<1.0	<1.0	<1.0	<1.0	<1.0	
	20	SAND, coarse, and fine gravel, trace silt, clay, yellow brown. CLAY, trace silt, fine to coarse sand, moist, dark gray.							8.0 ft. / 10.0 ft.
	30		#5 Washed silica sand 2" x 5', 0.010-inch PVC slot screen	<1.0	1.5	<1.0	<1.0	<1.0	11.5 ft. / 10.0 ft.
	40	SAND, fine to medium, some coarse sand, trace silt, clay and fine to coarse gravel, saturated, dark yellow brown.							8.2 ft. / 10.0 ft.
		CLAY, sandy, some silt, trace medium to coarse sand, dry, dark gray.							

MWCD TORX.GPJ 8/12/09

Driller: WDC Exploration & Wells  
 Method (type & size): 4" x 6" Rotosonic  
 Screened Interval (ft. bgs): 31.8-36.8; 79-84; 104.8-109.8; & 129.7-134.7  
 Screen Size: 0.010 slot  
 Well Material: 2-inch ID Schedule 40 PVC  
 Grout Type: Bentonite

REMARKS MW34(36.8) = 777.60; MW34(84) = 777.54; MW34(109.8) = 777.58;  
 MW34(134.7) = 777.57



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 Miamisburg, Ohio Office: (937) 859-3600

CLIENT: **Textron**  
 PROJECT NAME: **Former TORX Facility**  
 LOCATION: **Rochester, Indiana**  
 PROJECT NO: **3359-09-2469**  
 GEOLOGIST: **D. Gross**  
 DATE DRILLED: **02/27-03/03/2009**

NORTHING: **2135922.77**  
 EASTING: **175093.99**  
 GROUND SURFACE ELEVATION (feet): **778.03**  
 TOP OF CASING ELEVATION (feet): **See Remarks.**  
 TOTAL DEPTH OF BORING (feet BGL): **135**

# B34 / MW34

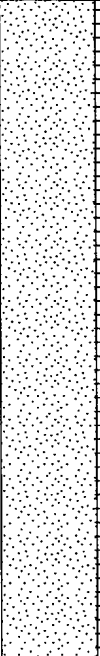

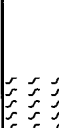

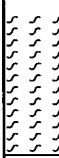

STRATA	DEPTH FEET	DESCRIPTION	WELL CONSTRUCTION DETAIL	SAMPLE INFORMATION					RECOVERY / COMMENTS
				Sample Interval	ANALYTICAL RESULTS ( ug/L)				
				Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE	Chloroform	
		CLAY, sandy, some silt, trace medium to coarse sand, dry, dark gray. (continued)							
		SAND, fine to coarse, trace silt, grayish brown to yellowish brown.							
	60		Bentonite Chips						6.6 ft. / 10.0 ft.
	70								
	80		#5 Washed silica sand 2" x 5', 0.010-inch PVC slot screen						8.6 ft. / 10.0 ft.
	90								
	100		Bentonite Chips						8.5 ft. / 10.0 ft.
			#5 Washed silica sand 2" x 5', 0.010-inch						5.2 ft. / 10.0 ft.

MWCD TORX.GPJ 8/12/09

CLIENT: **Textron**  
 PROJECT NAME: **Former TORX Facility**  
 LOCATION: **Rochester, Indiana**  
 PROJECT NO: **3359-09-2469**  
 GEOLOGIST: **D. Gross**  
 DATE DRILLED: **02/27-03/03/2009**

NORTHING: **2135922.77**  
 EASTING: **175093.99**  
 GROUND SURFACE ELEVATION (feet): **778.03**  
 TOP OF CASING ELEVATION (feet): **See Remarks.**  
 TOTAL DEPTH OF BORING (feet BGL): **135**

# B34 / MW34

STRATA	DEPTH FEET	DESCRIPTION	WELL CONSTRUCTION DETAIL	SAMPLE INFORMATION						RECOVERY / COMMENTS
				ANALYTICAL RESULTS (ug/L)						
				Sample Interval	Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE	Chloroform	
	110	SAND, fine to coarse, trace silt, grayish brown to yellowish brown. (continued)	 PVC slot screen		<1.0	<1.0	<1.0	<1.0	<1.0	6.4 ft. / 10.0 ft. Primary
				0.3J	<1.0	<1.0	<1.0	<1.0	Replicate J = Analyte detected below quantitation limits	
	120		 Bentonite Chips		<1.0	<1.0	<1.0	<1.0	<1.0	6.4 ft. / 10.0 ft.
	130		 #5 Washed silica sand							11.4 ft. / 10.0 ft.
		CLAY, sandy, some fine to medium gravel, moist, gray.								
		LIMESTONE, weathered.								

CLIENT: **Textron**  
 PROJECT NAME: **Former TORX Facility**  
 LOCATION: **Rochester, Indiana**  
 PROJECT NO: **3359-09-2469**  
 GEOLOGIST: **D. Gross**  
 DATE DRILLED: **03/13-16/2009**

NORTHING: **2135579.95**  
 EASTING: **174374.35**  
 GROUND SURFACE ELEVATION (feet): **782.08**  
 TOP OF CASING ELEVATION (feet): **See Remarks.**  
 TOTAL DEPTH OF BORING (feet BGL): **174**

# B35 / MW35

SHEET 1 OF 4

STRATA	DEPTH FEET	DESCRIPTION	WELL CONSTRUCTION DETAIL	SAMPLE INFORMATION						RECOVERY / COMMENTS
				Sample Interval	ANALYTICAL RESULTS ( ug/L)					
					Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE	Chloroform	
		SILT, organics, with fine sand, and trace medium to coarse gravel, moist, very dark brown.	14-inch flushmount							
		CLAY, silty, some fine sand, trace medium to coarse gravel, moist, yellowish-brown.								3.7 ft. / 5.0 ft.
		SAND, fine, some silt and medium sand, trace clay and coarse sand, trace fine to medium gravel, moist, yellowish-brown.								
	10	CLAY, some fine sand and silt, trace medium sand and fine to medium gravel, moist, dark gray.		Bentonite Chips						10.4 ft. / 10.0 ft.
	20								0.0 ft. / 10.0 ft. (No recovery)	
	30								9.6 ft. / 10.0 ft.	
	40	SAND, fine to coarse, some fine gravel, trace medium to coarse gravel, saturated, gray.	#5 Washed silica sand 2" x 5', 0.010-inch PVC slot screen						6.4 ft. / 10.0 ft. Primary	
					<1.0	<1.0	<1.0	<1.0	<1.0	Replicate

MWCD TORX.GPJ 8/12/09

Driller: **WDC Exploration & Wells**  
 Method (type & size): **4" x 6" Rotosonic**  
 Screened Interval (ft. bgs): **40-45; 85-90; & 143-148**  
 Screen Size: **0.010 slot**  
 Well Material: **2-inch ID Schedule 40 PVC**  
 Grout Type: **Bentonite**

REMARKS **MW35(45) = 781.38; MW35(90) = 781.37; MW35(148) = 781.34**



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 Miamisburg, Ohio Office: (937) 859-3600



CLIENT: **Textron**  
 PROJECT NAME: **Former TORX Facility**  
 LOCATION: **Rochester, Indiana**  
 PROJECT NO: **3359-09-2469**  
 GEOLOGIST: **D. Gross**  
 DATE DRILLED: **03/13-16/2009**

NORTHING: **2135579.95**  
 EASTING: **174374.35**  
 GROUND SURFACE ELEVATION (feet): **782.08**  
 TOP OF CASING ELEVATION (feet): **See Remarks.**  
 TOTAL DEPTH OF BORING (feet BGL): **174**

# B35 / MW35

STRATA	DEPTH FEET	DESCRIPTION	WELL CONSTRUCTION DETAIL	SAMPLE INFORMATION						RECOVERY / COMMENTS
				ANALYTICAL RESULTS (ug/L)						
				Sample Interval	Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE	Chloroform	
		SAND, fine to coarse, some fine gravel, trace medium to coarse gravel, saturated, gray. (continued)								9.8 ft. / 10.0 ft.
	60		Bentonite Chips							8.5 ft. / 10.0 ft. Primary
		SILT, sandy, saturated, grayish-brown.								Replicate
	70	SAND, fine, some medium sand, trace coarse sand and silt, saturated, gray-brown.								8.7 ft. / 10.0 ft.
	80		#5 Washed silica sand 2" x 5', 0.010-inch PVC slot screen							7 ft. / 10.0 ft.
	90									8.2 ft. / 10.0 ft.
	100									0.0 ft. / 10.0 ft. (No recovery)

CLIENT: **Textron**  
 PROJECT NAME: **Former TORX Facility**  
 LOCATION: **Rochester, Indiana**  
 PROJECT NO: **3359-09-2469**  
 GEOLOGIST: **D. Gross**  
 DATE DRILLED: **03/13-16/2009**

NORTHING: **2135579.95**  
 EASTING: **174374.35**  
 GROUND SURFACE ELEVATION (feet): **782.08**  
 TOP OF CASING ELEVATION (feet): **See Remarks.**  
 TOTAL DEPTH OF BORING (feet BGL): **174**

# B35 / MW35

STRATA	DEPTH FEET	DESCRIPTION	WELL CONSTRUCTION DETAIL	SAMPLE INFORMATION						RECOVERY / COMMENTS	
				Sample Interval	ANALYTICAL RESULTS ( ug/L)						
					Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE	Chloroform		
	110	SAND, fine, some medium sand, trace coarse sand and silt, saturated, gray-brown. (continued)	Bentonite Chips		<1.0	<1.0	<1.0	<1.0	<1.0	8.8 ft. / 10.0 ft.	
	120	GRAVEL, medium to coarse, trace fine to coarse sand, saturated, dark gray brown. SAND, fine, some medium sand, trace coarse sand and silt, saturated, brown.				<1.0	<1.0	<1.0	<1.0	<1.0	6.9 ft. / 10.0 ft.
	130	SAND and GRAVEL, fine to coarse, some clay, silt and a medium to coarse gravel, saturated, yellow brown.	#5 Washed silica sand 2" x 5', 0.010-inch PVC slot screen							9.3 ft. / 10.0 ft.	
	140	SAND, fine to coarse, some fine gravel, trace medium to coarse gravel, clay and silt, saturated, dark gray. GRAVEL, fine to coarse, some coarse sand, trace clay, saturated, gray. SAND, fine to coarse, some fine to coarse gravel, trace clay and silt, saturated, dark gray.				<1.0	<1.0	<1.0	<1.0	<1.0	9.1 ft. / 10.0 ft.
	150	CLAY, silty, trace fine to coarse sand, fine gravel, moist, dark gray.									10.5 ft. / 10.0 ft.
	160		Bentonite Chips							11.6 ft. / 10.0 ft.	

MWCD TORX GPI 8/12/09

CLIENT: **Textron**  
 PROJECT NAME: **Former TORX Facility**  
 LOCATION: **Rochester, Indiana**  
 PROJECT NO: **3359-09-2469**  
 GEOLOGIST: **D. Gross**  
 DATE DRILLED: **03/13-16/2009**

NORTHING: **2135579.95**  
 EASTING: **174374.35**  
 GROUND SURFACE ELEVATION (feet): **782.08**  
 TOP OF CASING ELEVATION (feet): **See Remarks.**  
 TOTAL DEPTH OF BORING (feet BGL): **174**

# B35 / MW35

STRATA	DEPTH FEET	DESCRIPTION	WELL CONSTRUCTION DETAIL	SAMPLE INFORMATION						RECOVERY / COMMENTS
				Sample Interval	ANALYTICAL RESULTS ( ug/L)					
					Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE	Chloroform	
170		CLAY, silty, trace fine to coarse sand, fine gravel, moist, dark gray. (continued)								13.5 ft. / 9.0 ft.
		LIMESTONE.								

CLIENT: **Textron**  
 PROJECT NAME: **Former TORX Facility**  
 LOCATION: **Rochester, Indiana**  
 PROJECT NO: **3359-09-2469**  
 GEOLOGIST: **C. Hortert**  
 DATE DRILLED: **03/24-26/2009**

NORTHING: **2135227.23**  
 EASTING: **174937.12**  
 GROUND SURFACE ELEVATION (feet): **770.52**  
 TOP OF CASING ELEVATION (feet): **See Remarks.**  
 TOTAL DEPTH OF BORING (feet BGL): **126**

# B36 / MW36

STRATA	DEPTH FEET	DESCRIPTION	WELL CONSTRUCTION DETAIL	SAMPLE INFORMATION					
				Sample Interval	ANALYTICAL RESULTS (ug/L)				
				Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE	Chloroform	
	0-5	SILT, loosely packed, organic material, dry, brown.	14-inch flushmount						
	5-10	SAND, fine to medium, some medium to coarse gravel, reddish-gray.							5.0 ft. / 5.0 ft.
	10-15	CLAY, silty, medium stiff, yellow brown.	Bentonite Chips						10.0 ft. / 10.0 ft.
	15-20	SAND, medium, some dark gray clay, yellowish brown.							
	20-25	CLAY, very firm, dark gray.							10.0 ft. / 10.0 ft.
	25-30	SILT, sandy, dark gray.							
	30-35	No Recovery.	#5 Washed silica sand						
	35-40		2" x 5', 0.010-inch PVC slot screen	<1.0	<1.0	<1.0	<1.0	1.8	0.0 ft. / 10.0 ft.
	40-45	SAND, medium to coarse, some fine gravel, gray.							10.0 ft. / 10.0 ft.

MWCD TORX.GPJ 8/12/09

Driller: **WDC Exploration & Wells**  
 Method (type & size): **4" x 6" Rotosonic**  
 Screened Interval (ft. bgs): **30.2-35.2; 87.4-82.4; & 119.5-124.5**  
 Screen Size: **0.010 slot**  
 Well Material: **2-inch ID Schedule 40 PVC**  
 Grout Type: **Bentonite**

REMARKS **MW36(35.2) = 770.03; MW36(92.4) = 770.06; MW36(124.5) = 770.09**



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CLIENT: **Textron**  
 PROJECT NAME: **Former TORX Facility**  
 LOCATION: **Rochester, Indiana**  
 PROJECT NO: **3359-09-2469**  
 GEOLOGIST: **C. Hortert**  
 DATE DRILLED: **03/24-26/2009**

NORTHING: **2135227.23**  
 EASTING: **174937.12**  
 GROUND SURFACE ELEVATION (feet): **770.52**  
 TOP OF CASING ELEVATION (feet): **See Remarks.**  
 TOTAL DEPTH OF BORING (feet BGL): **126**

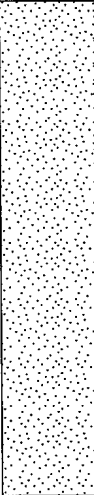
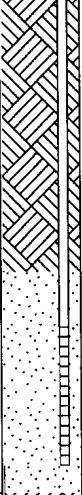

# B36 / MW36

STRATA	DEPTH FEET	DESCRIPTION	WELL CONSTRUCTION DETAIL	SAMPLE INFORMATION						RECOVERY / COMMENTS
				Sample Interval	ANALYTICAL RESULTS (ug/L)					
					Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE	Chloroform	
		SAND, medium to coarse, some fine gravel, gray. (continued)			<1.0	<1.0	<1.0	<1.0	<1.0	10.0 ft. / 10.0 ft.
	60		Bentonite Chips		<1.0	<1.0	<1.0	<1.0	<1.0	10.0 ft. / 10.0 ft.
		GRAVEL, sandy, gray.								
		SAND, medium to coarse, some fine gravel, grayish-brown.			<1.0	<1.0	<1.0	<1.0	<1.0	10.0 ft. / 10.0 ft.
	70									
					<1.0	<1.0	<1.0	<1.0	<1.0	10.0 ft. / 10.0 ft.
	80									
		SAND and GRAVEL, medium to coarse, gray.	#5 Washed silica sand 2" x 5", 0.010-inch PVC slot screen		0.30J	<1.0	<1.0	<1.0	<1.0	J = Analyte detected below quantitation limits 10.0 ft. / 10.0 ft.
	90									
		SAND, fine to coarse, trace gravel, grayish-brown.			0.30J	<1.0	<1.0	<1.0	<1.0	Primary Duplicate 10.0 ft. / 10.0 ft.
	100		Bentonite Chips		<1.0	<1.0	<1.0	<1.0	<1.0	

CLIENT: **Textron**  
 PROJECT NAME: **Former TORX Facility**  
 LOCATION: **Rochester, Indiana**  
 PROJECT NO: **3359-09-2469**  
 GEOLOGIST: **C. Hortert**  
 DATE DRILLED: **03/24-26/2009**

NORTHING: **2135227.23**  
 EASTING: **174937.12**  
 GROUND SURFACE ELEVATION (feet): **770.52**  
 TOP OF CASING ELEVATION (feet): **See Remarks.**  
 TOTAL DEPTH OF BORING (feet BGL): **126**

# B36 / MW36

STRATA	DEPTH FEET	DESCRIPTION	WELL CONSTRUCTION DETAIL	SAMPLE INFORMATION						RECOVERY / COMMENTS
				Sample Interval	ANALYTICAL RESULTS ( ug/L)					
					Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE	Chloroform	
	110	SAND, fine to coarse, trace gravel, grayish-brown. (continued)		10.0 - 110.0	<1.0	<1.0	<1.0	<1.0	<1.0	10.0 ft. / 10.0 ft.
	120			110.0 - 120.0	<1.0	<1.0	<1.0	<1.0	<1.0	10.0 ft. / 10.0 ft.
		LIMESTONE, weathered, fractured.	Bentonite Chips							

CLIENT: **Textron**  
 PROJECT NAME: **Former TORX Facility**  
 LOCATION: **Rochester, Indiana**  
 PROJECT NO: **3359-09-2469**  
 GEOLOGIST: **G. Oslosky**  
 DATE DRILLED: **04/06-10/2009**

NORTHING: **2134598.21**  
 EASTING: **175659.71**  
 GROUND SURFACE ELEVATION (feet): **758.47**  
 TOP OF CASING ELEVATION (feet): **See Remarks.**  
 TOTAL DEPTH OF BORING (feet BGL): **109**

# B37 / MW37

SHEET 1 OF 3

STRATA	DEPTH FEET	DESCRIPTION	WELL CONSTRUCTION DETAIL	SAMPLE INFORMATION					RECOVERY / COMMENTS
				Sample Interval	ANALYTICAL RESULTS (ug/L)				
				Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE	Chloroform	
		SILT, clayey, organic material, moist, brown.	14-inch flushmount						5.0 ft. / 5.0 ft.
	10	SAND, fine to coarse, trace silt and gravel, moist, brown. CLAY, sandy, medium stiff, moist, gray.	Bentonite Chips						10.0 ft. / 10.0 ft.
	20	SILT, sandy, trace gravel, soft, moist, gray. SAND, fine to coarse, silty, moist, gray.	#5 Washed silica sand 2" x 5', 0.010-inch PVC slot screen	<1.0	<1.0	<1.0	<1.0	<1.0	10.0 ft. / 10.0 ft.
	30	SILT, sandy, trace gravel, stiff, moist, gray.							10.0 ft. / 10.0 ft.
	40	SAND, fine to coarse, trace silt and gravel, saturated, brown.	Bentonite Chips						10.0 ft. / 10.0 ft.

MWCD TORX.GPJ 8/12/09

Driller: WDC Exploration & Wells  
 Method (type & size): 4" x 6" Rotosonic  
 Screened Interval (ft. bgs): 17-23; 65-70; & 93-98  
 Screen Size: 0.010 slot  
 Well Material: 2-inch ID Schedule 40 PVC  
 Grout Type: Bentonite

REMARKS MW37(23) = 757.91; MW37(70) = 758.02; MW37(98) = 758.04



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 LOCATION: **Rochester, Indiana**  
 PROJECT NO: **3359-09-2469**  
 GEOLOGIST: **G. Oslosky**  
 DATE DRILLED: **04/06-10/2009**

NORTHING: **2134598.21**  
 EASTING: **175659.71**  
 GROUND SURFACE ELEVATION (feet): **758.47**  
 TOP OF CASING ELEVATION (feet): **See Remarks.**  
 TOTAL DEPTH OF BORING (feet BGL): **109**

**B37 / MW37**

SHEET 2 OF 3

STRATA	DEPTH FEET	DESCRIPTION	WELL CONSTRUCTION DETAIL	SAMPLE INFORMATION					RECOVERY / COMMENTS	
				Sample Interval	ANALYTICAL RESULTS (ug/L)					
				Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE	Chloroform		
		SAND, fine to coarse, trace silt and gravel, saturated, brown. (continued)			<1.0	<1.0	<1.0	<1.0	<1.0	10.0 ft. / 10.0 ft.
	60									
			#5 Washed silica sand							
			2" x 5', 0.010-inch PVC slot screen							
	70	SILT, sandy, stiff, moist, brown.			<1.0	<1.0	<1.0	<1.0	<1.0	10.0 ft. / 10.0 ft.
		SAND, fine to coarse, silty, some gravel, saturated, gray.								
	80		Bentonite Chips							10.0 ft. / 10.0 ft.
	90				<1.0	<1.0	<1.0	<1.0	<1.0	10.0 ft. / 10.0 ft.
			#5 Washed silica sand							
			2" x 5', 0.010-inch PVC slot screen							
	100	SILT, some gravel, moist, gray.	Bentonite Chips							10.0 ft. / 10.0 ft.
		LIMESTONE.								

MWCD TORX.GPJ 8/12/09





CLIENT: **Textron**  
 PROJECT NAME: **Former TORX Facility**  
 LOCATION: **Rochester, Indiana**  
 PROJECT NO: **3359-09-2469**  
 GEOLOGIST: **G. Oslosky**  
 DATE DRILLED: **04/06-10/2009**

NORTHING: **2134598.21**  
 EASTING: **175659.71**  
 GROUND SURFACE ELEVATION (feet): **758.47**  
 TOP OF CASING ELEVATION (feet): **See Remarks.**  
 TOTAL DEPTH OF BORING (feet BGL): **109**

**B37 / MW37**

SHEET 3 OF 3

STRATA	DEPTH FEET	DESCRIPTION	WELL CONSTRUCTION DETAIL	SAMPLE INFORMATION						RECOVERY / COMMENTS
				Sample Interval	ANALYTICAL RESULTS ( ug/L)					
					Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE	Chloroform	
		LIMESTONE. <i>(continued)</i>								

CLIENT: **Textron**  
 PROJECT NAME: **Former TORX Facility**  
 LOCATION: **Rochester, Indiana**  
 PROJECT NO: **3359-09-2469**  
 GEOLOGIST: **D. Gross**  
 DATE DRILLED: **03/17-23/2009**

NORTHING: **2134581.97**  
 EASTING: **174935.76**  
 GROUND SURFACE ELEVATION (feet): **758.67**  
 TOP OF CASING ELEVATION (feet): **See Remarks.**  
 TOTAL DEPTH OF BORING (feet BGL): **105**

# B38 / MW38

STRATA	DEPTH FEET	DESCRIPTION	WELL CONSTRUCTION DETAIL	SAMPLE INFORMATION						
				Sample Interval	ANALYTICAL RESULTS (ug/L)					RECOVERY / COMMENTS
					Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE	Chloroform	
		SAND, fine to coarse, some fine gravel, silt, clay, moist, dark brown.	14-inch flushmount							2.1 ft. / 5.0 ft.
	10	CLAY, silty, some medium sand, trace coarse sand, trace fine to coarse gravel, moist, dark gray.	Bentonite Chips							11.9 ft. / 10.0 ft.
	20	SAND, fine to medium, some coarse sand, fine gravel, trace clay and silt, saturated, yellow brown. SAND, silty, some medium to coarse sand, moist, dark gray. SAND, fine to coarse, some fine to medium gravel, trace clay, saturated, dark gray. CLAY, silty, some medium to coarse sand and fine gravel, moist, dark gray.	#5 Washed silica sand 2" x 5", 0.010-inch PVC slot screen							12.2 ft. / 10.0 ft.
	30	SAND, fine to coarse, some fine gravel, trace coarse gravel, saturated, yellow brown. CLAY, silty, trace fine to medium sand, trace fine to medium gravel, moist, dark gray.	Bentonite Chips #5 Washed silica sand 2" x 5", 0.010-inch PVC slot screen							8.7 ft. / 10.0 ft.
	40	SAND, fine to coarse, trace fine to medium gravel, saturated, dark gray.	Bentonite Chips		<1.0	<1.0	<1.0	<1.0	<1.0	9.2 ft. / 10.0 ft.

MWCD TORX.GPJ 8/12/09

Driller: WDC Exploration & Wells  
 Method (type & size): 4" x 6" Rotasonic  
 Screened Interval (ft. bgs): 15.8-20.8; 24.1-29.1; 64.9-69.9; & 97.5-102.5  
 Screen Size: 0.010 slot  
 Well Material: 2-inch ID Schedule 40 PVC  
 Grout Type: Bentonite

REMARKS MW38(20.8) = 758.49; MW38(29.1) = 758.49; MW38(69.9) = 758.48; MW38(102.5) = 758.50



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CLIENT: **Textron**  
 PROJECT NAME: **Former TORX Facility**  
 LOCATION: **Rochester, Indiana**  
 PROJECT NO: **3359-09-2469**  
 GEOLOGIST: **D. Gross**  
 DATE DRILLED: **03/17-23/2009**

NORTHING: **2134581.97**  
 EASTING: **174935.76**  
 GROUND SURFACE ELEVATION (feet): **758.67**  
 TOP OF CASING ELEVATION (feet): **See Remarks.**  
 TOTAL DEPTH OF BORING (feet BGL): **105**

**B38 / MW38**

SHEET 2 OF 2

STRATA	DEPTH FEET	DESCRIPTION	WELL CONSTRUCTION DETAIL	SAMPLE INFORMATION					RECOVERY / COMMENTS	
				Sample Interval	ANALYTICAL RESULTS (ug/L)					
					Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE		Chloroform
		SAND, fine to coarse, trace fine to medium gravel, saturated, dark gray. (continued)			<1.0	<1.0	<1.0	<1.0	<1.0	9.7 ft. / 10.0 ft.
	60		#5 Washed silica sand 2" x 5', 0.010-inch PVC slot screen		<1.0	<1.0	<1.0	<1.0	<1.0	3.7 ft. / 10.0 ft.
	70				<1.0	<1.0	<1.0	<1.0	<1.0	9.4 ft. / 10.0 ft.
	80		Bentonite Chips		<1.0	<1.0	<1.0	<1.0	<1.0	7.9 ft. / 10.0 ft.
	90				<1.0	<1.0	<1.0	<1.0	<1.0	8.7 ft. / 10.0 ft.
	100		#5 Washed silica sand 2" x 5', 0.010-inch PVC slot screen		<1.0	<1.0	<1.0	<1.0	<1.0	10.0 ft. / 10.0 ft.
		LIMESTONE, weathered.	Bentonite Chips							

MWCD TORX.GPJ 8/12/09

CLIENT: **Textron**  
 PROJECT NAME: **Former TORX Facility**  
 LOCATION: **Rochester, Indiana**  
 PROJECT NO: **3359-09-2469**  
 GEOLOGIST: **G. Oslosky**  
 DATE DRILLED: **04/06-10/2009**

NORTHING: **2134557.23**  
 EASTING: **175377.44**  
 GROUND SURFACE ELEVATION (feet): **752.36**  
 TOP OF CASING ELEVATION (feet): **See Remarks.**  
 TOTAL DEPTH OF BORING (feet BGL): **95**

# B39 / MW39

STRATA	DEPTH FEET	DESCRIPTION	WELL CONSTRUCTION DETAIL	SAMPLE INFORMATION						RECOVERY / COMMENTS
				Sample Interval	ANALYTICAL RESULTS (ug/L)					
					Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE	Chloroform	
	10	CLAY, trace gravel, some sand, moist, stiff, brown.	Above ground protective casing.							5.0 ft. / 5.0 ft.
		SILT and SAND, moist, stiff, brown.	#5 Washed silica sand							10.0 ft. / 10.0 ft.
		SAND and GRAVEL, medium to coarse, some silt, moist, tan.	2" x 5', 0.010-inch PVC slot screen							
	20	SILT, some sand, moist, soft, gray.	Bentonite Chips							10.0 ft. / 10.0 ft.
		SAND, fine, silty, moist, gray.	#5 Washed silica sand							
	30	SAND, fine to coarse, some silt, trace gravel, saturated, gray.	2" x 5', 0.010-inch PVC slot screen							10.0 ft. / 10.0 ft.
		CLAY, some sand, moist, stiff, gray.	Bentonite Chips							
	40	SAND, fine to coarse, some silt, some gravel, saturated, gray.	Bentonite Chips		<1.0	<1.0	<1.0	<1.0	<1.0	10.0 ft. / 10.0 ft.

MWCD TORX.GPJ 8/12/09

Driller: **WDC Exploration & Wells**  
 Method (type & size): **4" x 6" Rotosonic**  
 Screened Interval (ft. bgs): **8.2-13.2; 24.3-29.3; & 71.7-76.7**  
 Screen Size: **0.010 slot**  
 Well Material: **2-inch ID Schedule 40 PVC**  
 Grout Type: **Bentonite**

REMARKS **MW39(13.2) = 754.88; MW39(29.3) = 754.91; MW39(76.7) = 754.87**

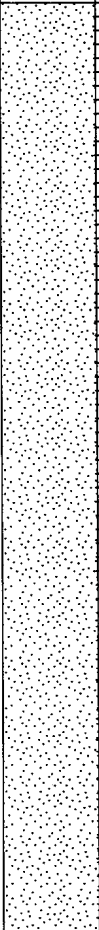
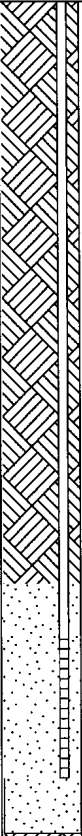
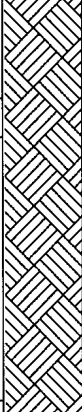


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CLIENT: **Textron**  
 PROJECT NAME: **Former TORX Facility**  
 LOCATION: **Rochester, Indiana**  
 PROJECT NO: **3359-09-2469**  
 GEOLOGIST: **G. Oslosky**  
 DATE DRILLED: **04/06-10/2009**

NORTHING: **2134557.23**  
 EASTING: **175377.44**  
 GROUND SURFACE ELEVATION (feet): **752.36**  
 TOP OF CASING ELEVATION (feet): **See Remarks.**  
 TOTAL DEPTH OF BORING (feet BGL): **95**

# B39 / MW39

STRATA	DEPTH FEET	DESCRIPTION	WELL CONSTRUCTION DETAIL	SAMPLE INFORMATION						RECOVERY / COMMENTS
				ANALYTICAL RESULTS (ug/L)						
				Sample Interval	Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE	Chloroform	
		SAND, fine to coarse, some silt, some gravel, saturated, gray. (continued)	 #5 Washed silica sand 2" x 5', 0.010-inch PVC slot screen	10.0 ft. - 10.0 ft.	<1.0	<1.0	<1.0	<1.0	<1.0	10.0 ft. / 10.0 ft.
	60			10.0 ft. - 10.0 ft.	<1.0	<1.0	<1.0	<1.0	<1.0	10.0 ft. / 10.0 ft.
	70			10.0 ft. - 10.0 ft.	<1.0	<1.0	<1.0	<1.0	<1.0	10.0 ft. / 10.0 ft.
	80			10.0 ft. - 10.0 ft.						
		SILT, sandy, moist, gray.	 Bentonite Chips							
		SAND, fine, some silt, saturated, gray.								
90										10.0 ft. / 10.0 ft.
		LIMESTONE, weathered.								

CLIENT: **Textron**  
 PROJECT NAME: **Former TORX Facility**  
 LOCATION: **Rochester, Indiana**  
 PROJECT NO: **3359-09-2469**  
 GEOLOGIST: **C. Hortert**  
 DATE DRILLED: **03/01/2009**

NORTHING: **2139273.22**  
 EASTING: **173015.72**  
 GROUND SURFACE ELEVATION (feet): **823.69**  
 TOP OF CASING ELEVATION (feet): **826.19**  
 TOTAL DEPTH OF BORING (feet BGL): **210**

# B40 / MW40

STRATA	DEPTH FEET	DESCRIPTION	WELL CONSTRUCTION DETAIL	SAMPLE INFORMATION						RECOVERY / COMMENTS
				Sample Interval	ANALYTICAL RESULTS ( ug/L)					
				Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE	Chloroform		
	0		Above ground protective casing. #5 Washed silica sand							
	10									
	20									
	30									
	40		Bentonite							

MWCD TORX.GPJ 8/12/09

Driller: **Frontz Drilling**  
 Method (type & size): **5-Inch Diamond Core Barrel**  
 Screened Interval (ft. bgs): **176-186**  
 Screen Size: **0.010 slot**  
 Well Material: **2.5-inch ID Schedule 40 PVC**  
 Grout Type: **Bentonite**

REMARKS



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 LOCATION: **Rochester, Indiana**  
 PROJECT NO: **3359-09-2469**  
 GEOLOGIST: **C. Hortert**  
 DATE DRILLED: **03/01/2009**

NORTHING: **2139273.22**  
 EASTING: **173015.72**  
 GROUND SURFACE ELEVATION (feet): **823.69**  
 TOP OF CASING ELEVATION (feet): **826.19**  
 TOTAL DEPTH OF BORING (feet BGL): **210**

**B40 / MW40**

SHEET 2 OF 4

STRATA	DEPTH FEET	DESCRIPTION	WELL CONSTRUCTION DETAIL	SAMPLE INFORMATION					RECOVERY / COMMENTS
				Sample Interval	ANALYTICAL RESULTS (ug/L)				
					Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE	
	60		Bentonite						
	70								
	80								
	90								
	100								

CLIENT: **Textron**  
 PROJECT NAME: **Former TORX Facility**  
 LOCATION: **Rochester, Indiana**  
 PROJECT NO: **3359-09-2469**  
 GEOLOGIST: **C. Hortert**  
 DATE DRILLED: **03/01/2009**

NORTHING: **2139273.22**  
 EASTING: **173015.72**  
 GROUND SURFACE ELEVATION (feet): **823.69**  
 TOP OF CASING ELEVATION (feet): **826.19**  
 TOTAL DEPTH OF BORING (feet BGL): **210**

**B40 / MW40**

SHEET 3 OF 4

STRATA	DEPTH FEET	DESCRIPTION	WELL CONSTRUCTION DETAIL	SAMPLE INFORMATION						RECOVERY / COMMENTS
				ANALYTICAL RESULTS ( ug/L)						
				Sample Interval	Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE	Chloroform	
	110									
	120									
	130		Bentonite							
	140									
	150									
	160									



CLIENT: **Textron**  
 PROJECT NAME: **Former TORX Facility**  
 LOCATION: **Rochester, Indiana**  
 PROJECT NO: **3359-09-2469**  
 GEOLOGIST: **C. Hortert**  
 DATE DRILLED: **03/01/2009**

NORTHING: **2139273.22**  
 EASTING: **173015.72**  
 GROUND SURFACE ELEVATION (feet): **823.69**  
 TOP OF CASING ELEVATION (feet): **826.19**  
 TOTAL DEPTH OF BORING (feet BGL): **210**

# B40 / MW40

STRATA	DEPTH FEET	DESCRIPTION	WELL CONSTRUCTION DETAIL	SAMPLE INFORMATION						RECOVERY / COMMENTS
				Sample Interval	ANALYTICAL RESULTS ( ug/L)					
					Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE	Chloroform	
	170		Bentonite							
	180	LIMESTONE, crystalline, horizontally fractured, light tan.			<1.0	<1.0	<1.0	<1.0	<1.0	10.0 ft. / 10.0 ft.
	190	LIMESTONE, with trace fossils, crystalline, horizontally fractured, tan to black. LIMESTONE, crystalline, horizontally fractured, light gray. LIMESTONE, crystalline, soft, black. LIMESTONE, crystalline, horizontally fractured, light gray. LIMESTONE, microcrystalline, tan. LIMESTONE, highly fractured, 30 degree bedding planes, gray.			<1.0	<1.0	<1.0	<1.0	<1.0	10.0 ft. / 10.0 ft.
	200	SHALE, black. LIMESTONE, crystalline, with horizontal fractures, tan. LIMESTONE, crystalline, horizontally fractured, gray with tan interbedded black fractures. LIMESTONE, crystalline, with fractures at 45 degree angles, gray. LIMESTONE, microcrystalline, with quartz rock gypsum veins, gray to light tan.	2" x 10', 0.010-inch PVC slot screen							10.0 ft. / 10.0 ft.
	210	LIMESTONE, crystalline, horizontally fractured, gray.								

CLIENT: **Textron**  
 PROJECT NAME: **Former TORX Facility**  
 LOCATION: **Rochester, Indiana**  
 PROJECT NO: **3359-09-2469**  
 GEOLOGIST: **W. Swinehart**  
 DATE DRILLED: **03/24/2009**

NORTHING: **2138554.65**  
 EASTING: **173878.65**  
 GROUND SURFACE ELEVATION (feet): **810.76**  
 TOP OF CASING ELEVATION (feet): **810.44**  
 TOTAL DEPTH OF BORING (feet BGL): **200**

**B41 / MW41**

SHEET 1 OF 4

STRATA	DEPTH FEET	DESCRIPTION	WELL CONSTRUCTION DETAIL	SAMPLE INFORMATION						RECOVERY / COMMENTS
				Sample Interval	ANALYTICAL RESULTS ( ug/L)					
					Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE	Chloroform	
	0		14-inch flushmount #5 Washed silica sand							
	10									
	20									
	30									
	40		Bentonite Chips							

MWCD TORX.GPJ 8/12/09

Driller: **Frontz Drilling**  
 Method (type & size): **5-Inch Diamond Core Barrel**  
 Screened Interval (ft. bgs): **180- 190**  
 Screen Size: **0.010 slot**  
 Well Material: **2.5-inch ID Schedule 40 PVC**  
 Grout Type: **Bentonite**

REMARKS



MACTEC Engineering and Consulting, Inc.  
 Miamisburg, Ohio Office: (937) 859-3600

CLIENT: **Textron**  
 PROJECT NAME: **Former TORX Facility**  
 LOCATION: **Rochester, Indiana**  
 PROJECT NO: **3359-09-2469**  
 GEOLOGIST: **W. Swinehart**  
 DATE DRILLED: **03/24/2009**

NORTHING: **2138554.65**  
 EASTING: **173878.65**  
 GROUND SURFACE ELEVATION (feet): **810.76**  
 TOP OF CASING ELEVATION (feet): **810.44**  
 TOTAL DEPTH OF BORING (feet BGL): **200**

**B41 / MW41**

SHEET 2 OF 4

STRATA	DEPTH FEET	DESCRIPTION	WELL CONSTRUCTION DETAIL	SAMPLE INFORMATION						RECOVERY / COMMENTS
				ANALYTICAL RESULTS (ug/L)						
				Sample Interval	Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE	Chloroform	
	60		Bentonite Chips							
	70									
	80									
	90									
	100									

CLIENT: **Textron**  
 PROJECT NAME: **Former TORX Facility**  
 LOCATION: **Rochester, Indiana**  
 PROJECT NO: **3359-09-2469**  
 GEOLOGIST: **W. Swinehart**  
 DATE DRILLED: **03/24/2009**

NORTHING: **2138554.65**  
 EASTING: **173878.65**  
 GROUND SURFACE ELEVATION (feet): **810.76**  
 TOP OF CASING ELEVATION (feet): **810.44**  
 TOTAL DEPTH OF BORING (feet BGL): **200**

**B41 / MW41**

SHEET 3 OF 4

STRATA	DEPTH FEET	DESCRIPTION	WELL CONSTRUCTION DETAIL	SAMPLE INFORMATION						RECOVERY / COMMENTS
				Sample Interval	ANALYTICAL RESULTS (ug/L)					
					Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE	Chloroform	
	110									
	120									
	130		Bentonite Chips							
	140									
	150									
	160									

CLIENT: **Textron**  
 PROJECT NAME: **Former TORX Facility**  
 LOCATION: **Rochester, Indiana**  
 PROJECT NO: **3359-09-2469**  
 GEOLOGIST: **W. Swinehart**  
 DATE DRILLED: **03/24/2009**

NORTHING: **2138554.65**  
 EASTING: **173878.65**  
 GROUND SURFACE ELEVATION (feet): **810.76**  
 TOP OF CASING ELEVATION (feet): **810.44**  
 TOTAL DEPTH OF BORING (feet BGL): **200**

# B41 / MW41

STRATA	DEPTH FEET	DESCRIPTION	WELL CONSTRUCTION DETAIL	SAMPLE INFORMATION						
				Sample Interval	ANALYTICAL RESULTS ( ug/L)					RECOVERY / COMMENTS
					Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE	Chloroform	
Limestone	170	LIMESTONE, crystalline, highly fractured, waterhered horizontal fractures, gray.	Bentonite Chips						10.0 ft. / 10.0 ft.	
		LIMESTONE, micorcrystalline, highly fractured, weathered horizontal fractures, with flourite veins, gray.								
		LIMESTONE, crystalline, less fracturing, flourite veins, gray.								
Limestone	180	LIMESTONE, highly fractured, 4-inch nodules, black.	#5 Washed silica sand	<1.0	<1.0	<1.0	<1.0	<1.0	10.0 ft. / 10.0 ft.	
		LIMESTONE, crystalline, slight fracturing, shale lamination in fractures, gray.								
		LIMESTONE, microcrystalline, slight horizontal fracturing, high fracture zone at 182.5 to 183.5 feet, 45 degree incline fracture at 184.5 feet.	2" x 10', 0.010-inch PVC slot screen							
Limestone	190	LIMESTONE, crystalline, some horizontal, weathered fractures, open horizontal fracture, gray.		<1.0	<1.0	<1.0	<1.0	<1.0	10.0 ft. / 10.0 ft.	
			Bentonite Chips							
	200									

CLIENT: **Textron**  
 PROJECT NAME: **Former TORX Facility**  
 LOCATION: **Rochester, Indiana**  
 PROJECT NO: **3359-09-2469**  
 GEOLOGIST: **C. Hortert**  
 DATE DRILLED: **04/09-10/2009**

NORTHING: **2138741.94**  
 EASTING: **173126.33**  
 GROUND SURFACE ELEVATION (feet): **794.48**  
 TOP OF CASING ELEVATION (feet): **793.89**  
 TOTAL DEPTH OF BORING (feet BGL): **180**

# B42 / MW42

SHEET 1 OF 4

STRATA	DEPTH FEET	DESCRIPTION	WELL CONSTRUCTION DETAIL	SAMPLE INFORMATION						RECOVERY / COMMENTS
				Sample Interval	ANALYTICAL RESULTS (ug/L)					
				Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE	Chloroform		
	0		14-inch flushmount #5 Washed silica sand							
	10									
	20									
	30									
	40		Bentonite Chips							

MWCD TORX.GPJ 8/12/09

Driller: **Frontz Drilling**  
 Method (type & size): **5-Inch Diamond Core Barrel**  
 Screened Interval (ft. bgs): **180' - 190'**  
 Screen Size: **0.010 slot**  
 Well Material: **2.5-inch ID Schedule 40 PVC**  
 Grout Type: **Bentonite**

REMARKS



MACTEC Engineering and Consulting, Inc.  
 Miamisburg, Ohio Office: (937) 859-3600

CLIENT: **Textron**  
 PROJECT NAME: **Former TORX Facility**  
 LOCATION: **Rochester, Indiana**  
 PROJECT NO: **3359-09-2469**  
 GEOLOGIST: **C. Hortert**  
 DATE DRILLED: **04/09-10/2009**

NORTHING: **2138741.94**  
 EASTING: **173126.33**  
 GROUND SURFACE ELEVATION (feet): **794.48**  
 TOP OF CASING ELEVATION (feet): **793.89**  
 TOTAL DEPTH OF BORING (feet BGL): **180**

**B42 / MW42**

SHEET 2 OF 4

STRATA	DEPTH FEET	DESCRIPTION	WELL CONSTRUCTION DETAIL	SAMPLE INFORMATION						RECOVERY / COMMENTS
				Sample Interval	ANALYTICAL RESULTS ( ug/L)					
					Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE	Chloroform	
	60 70 80 90 100		Bentonite Chips							

CLIENT: **Textron**  
 PROJECT NAME: **Former TORX Facility**  
 LOCATION: **Rochester, Indiana**  
 PROJECT NO: **3359-09-2469**  
 GEOLOGIST: **C. Hortert**  
 DATE DRILLED: **04/09-10/2009**

NORTHING: **2138741.94**  
 EASTING: **173126.33**  
 GROUND SURFACE ELEVATION (feet): **794.48**  
 TOP OF CASING ELEVATION (feet): **793.89**  
 TOTAL DEPTH OF BORING (feet BGL): **180**

**B42 / MW42**

SHEET **3** OF **4**

STRATA	DEPTH FEET	DESCRIPTION	WELL CONSTRUCTION DETAIL	SAMPLE INFORMATION						RECOVERY / COMMENTS	
				ANALYTICAL RESULTS ( ug/L)							
				Sample Interval	Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE	Chloroform		
	110										
	120										
	130										
	140										
	150	LIMESTONE, crystalline, highly fractured, weathered, horizontal fractures, gray.			<1.0	<1.0	<1.0	<1.0	<1.0	10.0 ft. / 10.0 ft.	
		LIMESTONE, crystalline to microcrystalline, weathered, horizontal fractures, gray to tan.									
	160	LIMESTONE, crystalline, recrystallized nodules, gray.			<1.0	<1.0	<1.0	<1.0	<1.0	10.0 ft. / 10.0 ft.	
		LIMESTONE, fractured, black.									
			#5 Washed silica sand								

MWCD TORX.GPJ 8/12/09



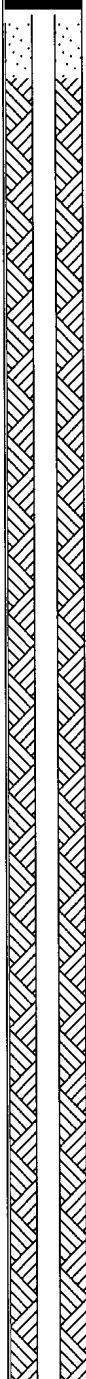


CLIENT: **Textron**  
 PROJECT NAME: **Former TORX Facility**  
 LOCATION: **Rochester, Indiana**  
 PROJECT NO: **3359-09-2469**  
 GEOLOGIST: **C. Hortert**  
 DATE DRILLED: **02/24/2009**

NORTHING: **2138928.3**  
 EASTING: **173827.01**  
 GROUND SURFACE ELEVATION (feet): **810.12**  
 TOP OF CASING ELEVATION (feet): **809.62**  
 TOTAL DEPTH OF BORING (feet BGL): **221**

**B43 / MW43**

SHEET 1 OF 4

STRATA	DEPTH FEET	DESCRIPTION	WELL CONSTRUCTION DETAIL	SAMPLE INFORMATION						RECOVERY / COMMENTS
				ANALYTICAL RESULTS ( ug/L)						
				Sample Interval	Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE	Chloroform	
	0 5 10 15 20 25 30 35 40		 <p>14-inch flushmount #5 Washed silica sand</p> <p>Bentonite Chips</p>							

Driller: **Frontz Drilling**  
 Method (type & size): **5-Inch Diamond Core Barrel**  
 Screened Interval (ft. bgs): **180-190**  
 Screen Size: **0.010 slot**  
 Well Material: **2.5-inch ID Schedule 40 PVC**  
 Grout Type: **Bentonite**

REMARKS



MACTEC Engineering and Consulting, Inc.  
 Miamisburg, Ohio Office: (937) 859-3600

CLIENT: **Textron**  
 PROJECT NAME: **Former TORX Facility**  
 LOCATION: **Rochester, Indiana**  
 PROJECT NO: **3359-09-2469**  
 GEOLOGIST: **C. Hortert**  
 DATE DRILLED: **02/24/2009**

NORTHING: **2138928.3**  
 EASTING: **173827.01**  
 GROUND SURFACE ELEVATION (feet): **810.12**  
 TOP OF CASING ELEVATION (feet): **809.62**  
 TOTAL DEPTH OF BORING (feet BGL): **221**

**B43 / MW43**

SHEET 2 OF 4

STRATA	DEPTH FEET	DESCRIPTION	WELL CONSTRUCTION DETAIL	SAMPLE INFORMATION						RECOVERY / COMMENTS
				ANALYTICAL RESULTS ( ug/L)						
				Sample Interval	Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE	Chloroform	
	60		Bentonite Chips							
	70									
	80									
	90									
	100									

CLIENT: **Textron**  
 PROJECT NAME: **Former TORX Facility**  
 LOCATION: **Rochester, Indiana**  
 PROJECT NO: **3359-09-2469**  
 GEOLOGIST: **C. Hortert**  
 DATE DRILLED: **02/24/2009**

NORTHING: **2138928.3**  
 EASTING: **173827.01**  
 GROUND SURFACE ELEVATION (feet): **810.12**  
 TOP OF CASING ELEVATION (feet): **809.62**  
 TOTAL DEPTH OF BORING (feet BGL): **221**

**B43 / MW43**

SHEET **3** OF **4**

STRATA	DEPTH FEET	DESCRIPTION	WELL CONSTRUCTION DETAIL	SAMPLE INFORMATION						
				Sample Interval	ANALYTICAL RESULTS (ug/L)					RECOVERY / COMMENTS
				Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE	Chloroform		
	110		Bentonite Chips							
	120									
	130									
	140									
	150									
	160									

CLIENT: **Textron**  
 PROJECT NAME: **Former TORX Facility**  
 LOCATION: **Rochester, Indiana**  
 PROJECT NO: **3359-09-2469**  
 GEOLOGIST: **C. Hortert**  
 DATE DRILLED: **02/24/2009**

NORTHING: **2138928.3**  
 EASTING: **173827.01**  
 GROUND SURFACE ELEVATION (feet): **810.12**  
 TOP OF CASING ELEVATION (feet): **809.62**  
 TOTAL DEPTH OF BORING (feet BGL): **221**

# B43 / MW43

STRATA	DEPTH FEET	DESCRIPTION	WELL CONSTRUCTION DETAIL	SAMPLE INFORMATION						RECOVERY / COMMENTS
				Sample Interval	ANALYTICAL RESULTS (ug/L)					
					Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE	Chloroform	
	170	LIMESTONE, crystalline, highly fractured, gray.	<p>#5 Washed silica sand</p> <p>2" x 10', 0.010-inch PVC slot screen</p> <p>Bentonite Chips</p> <p>#5 Washed silica sand</p>							
		LIMESTONE, coral fossils, nodules, black.		<1.0	<1.0	<1.0	<1.0	<1.0	10.0 ft. / 10.0 ft.	
		LIMESTONE, crystalline, 60 to 70 degree fractures, gray.								
		LIMESTONE, crystalline, brittle, gray.								
	180	LIMESTONE, with multiple horizontal fractures, gray.								
		LIMESTONE, microcrystalline, with horizontal fractures, gray.		<1.0	<1.0	<1.0	<1.0	<1.0	10.0 ft. / 10.0 ft.	
		LIMESTONE, crystalline, with horizontal fractures and shale deposits in fracture planes, gray.								
		LIMESTONE, crystalline to microcrystalline, high horizontal fracturing with shale deposits in fracture planes, gray.								
	190	LIMESTONE, crystalline, gray.								
		LIMESTONE, crystalline to microcrystalline, high horizontal fracturing with shale deposits in fracture planes, gray.								
		LIMESTONE, crystalline, with horizontal fractures and shale deposits in fracture planes, gray.								
		LIMESTONE, crystalline, dark gray to dark brown.								
	200	LIMESTONE, crystalline, with horizontal fractures and shale deposits in fracture planes, gray.	<1.0	<1.0	<1.0	<1.0	<1.0	10.0 ft. / 10.0 ft.		
	210									
	220									

CLIENT: **Textron**  
 PROJECT NAME: **Former TORX Facility**  
 LOCATION: **Rochester, Indiana**  
 PROJECT NO: **3359-09-2469**  
 GEOLOGIST: **W. Swinehart**  
 DATE DRILLED: **03/27/09**

NORTHING: **2138220.59**  
 EASTING: **173454.57**  
 GROUND SURFACE ELEVATION (feet): **804.83**  
 TOP OF CASING ELEVATION (feet): **804.02**  
 TOTAL DEPTH OF BORING (feet BGL): **196**

**B44 / MW44**

SHEET 1 OF 4

STRATA	DEPTH FEET	DESCRIPTION	WELL CONSTRUCTION DETAIL	SAMPLE INFORMATION					RECOVERY / COMMENTS
				Sample Interval	ANALYTICAL RESULTS ( ug/L)				
				Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE	Chloroform	
	0		14-inch flushmount #5 Washed silica sand						
	10								
	20								
	30								
	40		Bentonite Chips						

MWCD TORX.GPJ 8/12/09

Driller: **Frontz Drilling**  
 Method (type & size): **5-Inch Diamond Core Barrel**  
 Screened Interval (ft. bgs): **176-186**  
 Screen Size: **0.010 slot**  
 Well Material: **2.5-inch ID Schedule 40 PVC**  
 Grout Type: **Bentonite**

REMARKS



MACTEC Engineering and Consulting, Inc.  
 Miamisburg, Ohio Office: (937) 859-3600

CLIENT: **Textron**  
 PROJECT NAME: **Former TORX Facility**  
 LOCATION: **Rochester, Indiana**  
 PROJECT NO: **3359-09-2469**  
 GEOLOGIST: **W. Swinehart**  
 DATE DRILLED: **03/27/09**

NORTHING: **2138220.59**  
 EASTING: **173454.57**  
 GROUND SURFACE ELEVATION (feet): **804.83**  
 TOP OF CASING ELEVATION (feet): **804.02**  
 TOTAL DEPTH OF BORING (feet BGL): **196**

**B44 / MW44**

STRATA	DEPTH FEET	DESCRIPTION	WELL CONSTRUCTION DETAIL	SAMPLE INFORMATION						RECOVERY / COMMENTS
				ANALYTICAL RESULTS ( ug/L)						
				Sample Interval	Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE	Chloroform	
	60		Bentonite Chips							
	70									
	80									
	90									
	100									

CLIENT: **Textron**  
 PROJECT NAME: **Former TORX Facility**  
 LOCATION: **Rochester, Indiana**  
 PROJECT NO: **3359-09-2469**  
 GEOLOGIST: **W. Swinehart**  
 DATE DRILLED: **03/27/09**

NORTHING: **2138220.59**  
 EASTING: **173454.57**  
 GROUND SURFACE ELEVATION (feet): **804.83**  
 TOP OF CASING ELEVATION (feet): **804.02**  
 TOTAL DEPTH OF BORING (feet BGL): **196**

**B44 / MW44**

SHEET 3 OF 4

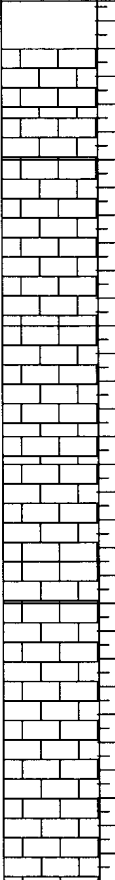
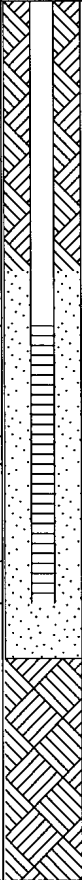
STRATA	DEPTH FEET	DESCRIPTION	WELL CONSTRUCTION DETAIL	SAMPLE INFORMATION						RECOVERY / COMMENTS
				Sample Interval	ANALYTICAL RESULTS ( ug/L)					
				Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE	Chloroform		
	110									
	120									
	130		Bentonite Chips							
	140									
	150									
	160									



CLIENT: **Textron**  
 PROJECT NAME: **Former TORX Facility**  
 LOCATION: **Rochester, Indiana**  
 PROJECT NO: **3359-09-2469**  
 GEOLOGIST: **W. Swinehart**  
 DATE DRILLED: **03/27/09**

NORTHING: **2138220.59**  
 EASTING: **173454.57**  
 GROUND SURFACE ELEVATION (feet): **804.83**  
 TOP OF CASING ELEVATION (feet): **804.02**  
 TOTAL DEPTH OF BORING (feet BGL): **196**

# B44 / MW44

STRATA	DEPTH FEET	DESCRIPTION	WELL CONSTRUCTION DETAIL	SAMPLE INFORMATION						
				Sample Interval	ANALYTICAL RESULTS ( ug/L)					RECOVERY / COMMENTS
					Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE	Chloroform	
	170	LIMESTONE, microcrystalline, with flourite veins, black shale lamination on horizontal weathered fractures, high fracture zone with vertical fractures at 166.5 to 167.5 feet, gray.			<1.0	<1.0	<1.0	<1.0	<1.0	10.0 ft. / 10.0 ft.
		LIMESTONE, gray microcrystalline limestone nodules, highly fractured, black.								
		LIMESTONE, crystalline, flourite veins throughout, 60 degree inclined fracture at 174 feet, gray.		#5 Washed silica sand						
	180	LIMESTONE, microcrystalline, with flourite veins, several horizontal fractures at 177 and 179 feet, gray.		2" x 10', 0.010-inch PVC slot screen	<1.0	<1.0	<1.0	<1.0	<1.0	10.0 ft. / 10.0 ft.
		LIMESTONE, dark gray.								
190		LIMESTONE, with flourite veins, large horizontal weathered fractures at 181.5 and 182.5 feet, 10 degree inclined fractures, with shale laminations at 183 feet.								
		LIMESTONE, horizontal weathered fractures, dark gray.	#5 Washed silica sand	<1.0	<1.0	<1.0	<1.0	<1.0	10.0 ft. / 10.0 ft.	
		LIMESTONE, crystalline, few horizontal fractures at 188, 191 and 194 feet, light gray.	Bentonite Chips							

CLIENT: **Textron**  
 PROJECT NAME: **Former TORX Facility**  
 LOCATION: **Rochester, Indiana**  
 PROJECT NO: **3359-09-2469**  
 GEOLOGIST: **C. Hortert**  
 DATE DRILLED: **03/10/2009**

NORTHING: **2138265.06**  
 EASTING: **173916.82**  
 GROUND SURFACE ELEVATION (feet): **810.78**  
 TOP OF CASING ELEVATION (feet): **810.22**  
 TOTAL DEPTH OF BORING (feet BGL): **190**

# B45 / MW45

SHEET 1 OF 4

STRATA	DEPTH FEET	DESCRIPTION	WELL CONSTRUCTION DETAIL	SAMPLE INFORMATION					RECOVERY / COMMENTS
				Sample Interval	ANALYTICAL RESULTS (ug/L)				
				Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE	Chloroform	
	0		14-inch flushmount #5 Washed silica sand						
	10								
	20								
	30								
	40		Bentonite Chips						

Driller: **Frontz Drilling**  
 Method (type & size): **5-Inch Diamond Core Barrel**  
 Screened Interval (ft. bgs): **180-190**  
 Screen Size: **0.010 slot**  
 Well Material: **2.5-inch ID Schedule 40 PVC**  
 Grout Type: **Bentonite**

REMARKS



MACTEC Engineering and Consulting, Inc.  
 Miamisburg, Ohio Office: (937) 859-3600

CLIENT: **Textron**  
 PROJECT NAME: **Former TORX Facility**  
 LOCATION: **Rochester, Indiana**  
 PROJECT NO: **3359-09-2469**  
 GEOLOGIST: **C. Hortert**  
 DATE DRILLED: **03/10/2009**

NORTHING: **2138265.06**  
 EASTING: **173916.82**  
 GROUND SURFACE ELEVATION (feet): **810.78**  
 TOP OF CASING ELEVATION (feet): **810.22**  
 TOTAL DEPTH OF BORING (feet BGL): **190**

# B45 / MW45

STRATA	DEPTH FEET	DESCRIPTION	WELL CONSTRUCTION DETAIL	SAMPLE INFORMATION					RECOVERY / COMMENTS
				Sample Interval	ANALYTICAL RESULTS (ug/L)				
					Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE	
			<p>Bentonite Chips</p>						

CLIENT: **Textron**  
 PROJECT NAME: **Former TORX Facility**  
 LOCATION: **Rochester, Indiana**  
 PROJECT NO: **3359-09-2469**  
 GEOLOGIST: **C. Hortert**  
 DATE DRILLED: **03/10/2009**

NORTHING: **2138265.06**  
 EASTING: **173916.82**  
 GROUND SURFACE ELEVATION (feet): **810.78**  
 TOP OF CASING ELEVATION (feet): **810.22**  
 TOTAL DEPTH OF BORING (feet BGL): **190**

# B45 / MW45

STRATA	DEPTH FEET	DESCRIPTION	WELL CONSTRUCTION DETAIL	SAMPLE INFORMATION						RECOVERY / COMMENTS
				ANALYTICAL RESULTS ( ug/L)						
				Sample Interval	Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE	Chloroform	
	110									
	120									
	130		Bentonite Chips							
	140									
	150									
	160									

CLIENT: **Textron**  
 PROJECT NAME: **Former TORX Facility**  
 LOCATION: **Rochester, Indiana**  
 PROJECT NO: **3359-09-2469**  
 GEOLOGIST: **C. Hortert**  
 DATE DRILLED: **03/10/2009**

NORTHING: **2138265.06**  
 EASTING: **173916.82**  
 GROUND SURFACE ELEVATION (feet): **810.78**  
 TOP OF CASING ELEVATION (feet): **810.22**  
 TOTAL DEPTH OF BORING (feet BGL): **190**

# B45 / MW45

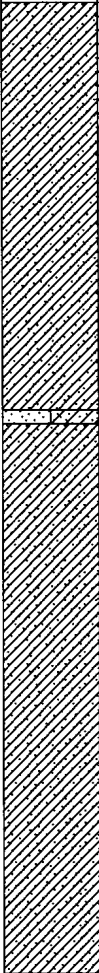

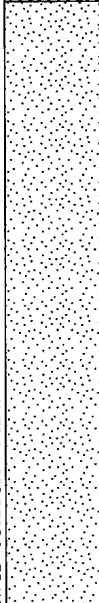
STRATA	DEPTH FEET	DESCRIPTION	WELL CONSTRUCTION DETAIL	SAMPLE INFORMATION						RECOVERY / COMMENTS							
				Sample Interval	ANALYTICAL RESULTS ( ug/L)												
					Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE	Chloroform								
	170	LIMESTONE, crystalline, with horizontal fractures, tan.		Sample Interval	<1.0	<1.0	<1.0	<1.0	<1.0	10.0 ft. / 10.0 ft.							
		LIMESTONE, nodule, brittle black.									#5 Washed silica sand						
		LIMESTONE, crystalline, gray.															
		LIMESTONE, crystalline, with horizontal fractures, interbedded gray and tan.															
		LIMESTONE, microcrystalline, with horizontal fractures, brown.									2" x 10', 0.010-inch PVC slot screen						
	180	LIMESTONE, crystalline, horizontally fractured with shale lamination in the fracture planes, tan.										<1.0	<1.0	<1.0	<1.0	<1.0	10.0 ft. / 10.0 ft.
		LIMESTONE, microcrystalline to crystalline, horizontally fractured, rock gypsum vein in microcrystalline rock, tan.															
		LIMESTONE, with horizontal fractures and recrystallized limestone nodules, dark gray.									#5 Washed silica sand						
		LIMESTONE, with horizontal fractures and shale laminations in fracture planes, tan.									Bentonite Chips						
	190	LIMESTONE, crystalline with weathered horizontal fractures, dark gray.															
	LIMESTONE, crystalline, with horizontal fractures, tan.																



CLIENT: **Textron**  
 PROJECT NAME: **Former TORX Facility**  
 LOCATION: **Rochester, Indiana**  
 PROJECT NO: **3359-09-2469**  
 GEOLOGIST: **G. Oslosky**  
 DATE DRILLED: **04/12 - 14/2009**

NORTHING: **2136239.21**  
 EASTING: **173339.77**  
 GROUND SURFACE ELEVATION (feet): **815.05**  
 TOP OF CASING ELEVATION (feet): **814.41**  
 TOTAL DEPTH OF BORING (feet BGL): **115**

# B46 / MW46

STRATA	DEPTH FEET	DESCRIPTION	WELL CONSTRUCTION DETAIL	SAMPLE INFORMATION						RECOVERY / COMMENTS
				ANALYTICAL RESULTS (ug/L)						
				Sample Interval	Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE	Chloroform	
	60	CLAY, sandy, trace gravel, moist, hard to very hard, gray. (continued)								10.0 ft. / 10.0 ft.
		SAND, fine to coarse, clayey, moist, gray. CLAY, sandy, trace gravel, moist, hard to very hard, gray.								10.0 ft. / 10.0 ft.
	70									10.0 ft. / 10.0 ft.
	80									10.0 ft. / 10.0 ft.
	90	SAND, fine to coarse, trace silt, trace gravel, saturated, gray.	#5 Washed silica sand 2" x 5', 0.010-inch PVC slot screen		<1.0	<1.0	<1.0	<1.0	<1.0	10.0 ft. / 10.0 ft.
	100				<1.0	<1.0	<1.0	<1.0	<1.0	10.0 ft. / 10.0 ft.



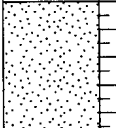
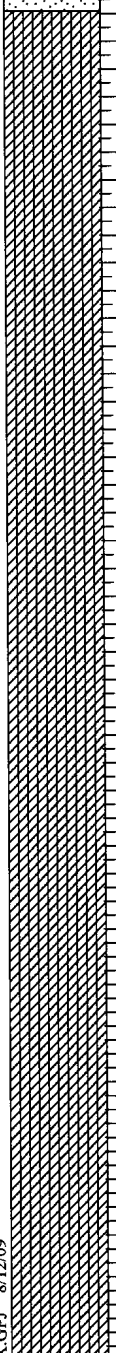





CLIENT: **Textron**  
 PROJECT NAME: **Former TORX Facility**  
 LOCATION: **Rochester, Indiana**  
 PROJECT NO: **3359-09-2469**  
 GEOLOGIST: **G. Oslosky**  
 DATE DRILLED: **04/14 - 21/2009**

NORTHING: **2137358.29**  
 EASTING: **173408.06**  
 GROUND SURFACE ELEVATION (feet): **819.03**  
 TOP OF CASING ELEVATION (feet): **See Remarks.**  
 TOTAL DEPTH OF BORING (feet BGL): **145**

# B47 / MW47

STRATA	DEPTH FEET	DESCRIPTION	WELL CONSTRUCTION DETAIL	SAMPLE INFORMATION					RECOVERY / COMMENTS
				Sample Interval	ANALYTICAL RESULTS (ug/L)				
				Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE	Chloroform	
		SAND, fine to coarse, trace silt, trace gravel, saturated, brown. (continued)	Chips						10.0 ft. / 10.0 ft.
	60	CLAY, silty, trace fine to coarse sand, trace fine gravel, stiff to hard, moist, gray.							10.0 ft. / 10.0 ft.
	70								10.0 ft. / 10.0 ft.
	80								10.0 ft. / 10.0 ft.
	90								10.0 ft. / 10.0 ft.
	100								10.0 ft. / 10.0 ft.
		GRAVEL, some coarse sand, trace silt, saturated, gray.	#5 Washed silica sand 2" x 5', 0.010-inch PVC slot						10.0 ft. / 10.0 ft.

MWCD TORX.GPJ 8/12/09

CLIENT: **Textron**  
 PROJECT NAME: **Former TORX Facility**  
 LOCATION: **Rochester, Indiana**  
 PROJECT NO: **3359-09-2469**  
 GEOLOGIST: **G. Oslosky**  
 DATE DRILLED: **04/14 - 21/2009**

NORTHING: **2137358.29**  
 EASTING: **173408.06**  
 GROUND SURFACE ELEVATION (feet): **819.03**  
 TOP OF CASING ELEVATION (feet): **See Remarks.**  
 TOTAL DEPTH OF BORING (feet BGL): **145**

# B47 / MW47

SHEET 3 OF 3

STRATA	DEPTH FEET	DESCRIPTION	WELL CONSTRUCTION DETAIL	SAMPLE INFORMATION						
				Sample Interval	ANALYTICAL RESULTS ( ug/L)					RECOVERY / COMMENTS
					Vinyl Chloride	TCE	Cis 1,2-DCE	Trans 1,2-DCE	Chloroform	
	110	SAND, fine to coarse, trace silt, saturated, gray.	screen							10.0 ft. / 10.0 ft.
	120		Bentonite Chips							10.0 ft. / 10.0 ft.
	130	GRAVEL, some coarse sand, trace silt, saturated, gray. SAND, fine to coarse, and gravel, trace silt, saturated, gray.	#5 Washed silica sand 2" x 5', 0.010-inch PVC slot screen							10.0 ft. / 10.0 ft.
	140	CLAY, trace fine sand, stiff, moist, gray.	Bentonite Chips							10.0 ft. / 10.0 ft.