

November 12, 2008

Mr. Nate Nemani, P.E.
Environmental Engineer
USEPA Region 5 - Waste, Pesticides and Toxics Division
77 West Jackson Boulevard (DW-8J)
Chicago, IL 60604-3590

Subject: **Transmittal - Analytical Results**
PPG Oak Creek Facility
Oak Creek, Wisconsin
EPA ID# WID059972935
Wisconsin FID# 241014620

Dear Mr. Nemani:

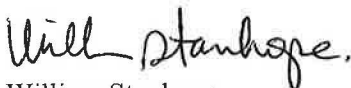
On behalf of PPG Industries, Inc. (PPG), Shaw Environmental, Inc. is transmitting with this letter the tabulated analytical results and the groundwater elevation map generated as a result of the September 2008 sampling event at the former tank farm area of the Oak Creek Wisconsin facility. Samples and groundwater elevation information were collected on September 24, 2008 in accordance with the July 9, 2004 letter to you and the October 19, 2006 Hydrogeologic Evaluation Work Plan (Plan). Please note that when the groundwater level was measured at Monitoring Well TF-3, approximately 0.6 feet of product was observed above the groundwater table.

PPG is making arrangements to remove free product on a regular basis from Monitoring Well TF-3. The thickness of the free product layer will be measured and a pump will then be lowered into the well to transfer the product into a drum or tote where it will be stored until disposal. PPG expects to begin product level monitoring and removal activities by mid-December and will continue until either socks can be used to absorb the free product or an automatic extraction system can be installed.

Consistent with the Plan, the next sampling event is being scheduled for mid to late December 2008. We will continue to monitor analytical results, water levels, and the presence of free product.

If you have questions regarding the analytical results, please let me know. Complete copies of this transmittal will go out in today's mail to the entire distribution.

Sincerely,



William Stanhope
Project Manager

WS/bam
Enclosures

Mr. Nate Nemani, P.E.
USEPA Region 5
November 12, 2008
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10800 South 18th Street
Oak Creek, WI 531541

BTEX Analytical Results in Groundwater
May 2002 through September 2008
PPG Industries, Inc., Oak Creek, Wisconsin

Well ID	Sample Date	Constituent (ug/L)			
		Benzene 5.0	Ethylbenzene 700	Toluene 1,000	Xylenes (Total) 10,000
MCL					
LW-2	5/2/02	ND (0.4)	ND (5)	ND (5)	ND (5)
	7/26/04	ND (5)	ND (5)	ND (5)	ND (5)
	1/31/05	ND (5)	ND (5)	ND (5)	ND (5)
	7/5/05	ND (5)	ND (5)	ND (5)	ND (5)
	1/23/06	ND (0.4)	ND (5)	ND (5)	ND (5)
	7/26/06	ND (0.4)	0.4 J	ND (5)	2.2 J
	11/16/06	ND (0.4)	0.39 J	0.36 J	3.0 J
	2/21/07	ND (0.4)	ND (5)	ND (5)	ND (5)
	7/18/07	ND (0.4)	ND (5)	ND (5)	ND (5)
	9/25/07	ND (0.4)	ND (5)	ND (5)	ND (5)
	12/13/07	ND (0.4)	0.33 J	ND (5)	1.3 J
	3/27/08	ND (0.4)	ND (5)	0.78 J	ND (5)
	6/26/08	ND (0.4)	ND (5)	ND (5)	ND (5)
	9/24/08	ND (0.4)	ND (5)	ND (5)	ND (5)
LW-6	5/1/02	ND (0.4)	0.44	ND (5)	0.74
	7/26/04	ND (5)	ND (5)	ND (5)	ND (5)
	1/31/05	ND (5)	ND (5)	ND (5)	ND (5)
	7/5/05	ND (5)	ND (5)	ND (5)	ND (5)
	1/23/06	ND (0.4)	ND (5)	ND (5)	ND (5)
	7/26/06	ND (0.4)	ND (5)	0.36 J	0.67 J
	11/16/06	ND (0.4)	0.5 J	ND (5)	0.84 J
	2/21/07	ND (0.4)	ND (5)	ND (5)	ND (5)
	7/18/07	ND (0.4)	ND (5)	ND (5)	ND (5)
	9/25/07	ND (0.4)	0.31 J	ND (5)	0.65 J
	12/13/07	ND (0.4)	ND (5)	0.33 J	0.51 J
	3/27/08	ND (0.4)	ND (5)	ND (5)	0.66 J
	6/26/08	ND (0.4)	ND (5)	ND (5)	ND (5)
	9/24/08	ND (0.4)	ND (5)	ND (5)	ND (5)
LW-5	5/1/02	0.48	160	ND (5)	180
	7/26/04	0.49	99.7	ND (5)	6.27
	1/31/05	0.54	36.8	ND (5)	0.878
	7/5/05	0.314	13.8	ND (5)	1.52
	1/23/06	0.39	0.51	ND (5)	ND (5)
	7/26/06	0.39 J	1.9 J	0.33 J	1.1 J
	11/16/06	0.36 J	66	ND (5)	7.6
	2/21/07	0.23 J	120	ND (5)	5.7
	7/18/07	0.13 J	5.3	ND (5)	2.0 J
	9/25/07	0.26 J	3.4 J	ND (5)	0.87 J
	12/13/07	0.23 J	2.1 J	0.29 J	0.91 J
	3/27/08	ND (0.4)	0.27 J	0.47 J	0.89 J
	6/26/08	ND (0.4)	1.1 J	ND (5)	ND (5)
	9/24/08	ND (0.4)	0.4J	ND (5)	ND (5)

BTEX Analytical Results in Groundwater
May 2002 through September 2008
PPG Industries, Inc., Oak Creek, Wisconsin

Well ID	Sample Date	Constituent (ug/L)			
		Benzene	Ethylbenzene	Toluene	Xylenes (Total)
MCL		5.0	700	1,000	10,000
TF-1	5/1/02	0.5	0.82	ND (5)	1.2
	7/26/04	0.37	ND (5)	ND (5)	ND (5)
	1/31/05	ND (5)	ND (5)	ND (5)	ND (5)
	7/5/05	ND (5)	ND (5)	ND (5)	ND (5)
	1/23/06	ND (0.4)	ND (5)	ND (5)	ND (5)
	7/26/06	ND (0.4)	1.3 J	ND (5)	4.3 J
	11/16/06	3.8	39	3.0 J	16
	2/21/07	5.9	750	0.85 J	58
	7/18/07	2.4	220	6.7 J	110
	9/25/07	0.9	23	0.56 J	9.5
	12/13/07	2.1	180	0.91 J	120
	3/27/08	2.3	95	1.1 J	53
	6/26/08	1.6	6.3	0.99 J	10
9/24/08	1.8	1.7 J	ND (5)	3.6 J	
TF-2	5/1/02	NS	NS	NS	NS
	7/26/04	0.876	647	ND (5)	2,160
	1/31/05	0.589	74	ND (5)	ND (5)
	7/5/05	0.805	1.45	ND (5)	ND (5)
	1/23/06	0.95	37	ND (5)	0.58
	7/26/06	0.61	44	ND (5)	95
	11/16/06	0.45	1,100	0.41 J	89
	2/21/07	ND (2)	340	ND (25)	700
	7/18/07	ND (2)	350	ND (25)	2,700
	9/25/07	ND (4)	88	ND (50)	1,100
	12/13/07	0.81	79	0.5 J	210
	3/27/08	2.1	880	5.2	2,600
	6/26/08	2.2	500 J	2.9 J	3,900
9/24/08	1.9 J	300	ND (50)	1,700	
TF-3	5/1/02	2	190	280	1,300
	7/26/04	2.39	207	190	2,190
	1/31/05	4.62	178	256	3,890
	7/5/05	6.13	227	384	3,680
	1/23/06	1.6	99	32	570
	7/26/06	6.1	600	920	5,100
	11/16/06	7.3	1,200	290	5,500
	2/21/07	27	1,900	1,500	11,000
	7/18/07	51	4,100	9,000	45,000
	9/25/07	57 J	3,400	5,100	28,000
	12/13/07	38 J	2,800	1,900	15,000
	3/27/08	45 J	3,400	6,800	32,000
	6/26/08	88	6,300	15,000	78,000
9/24/08	FREE PRODUCT IN MONITORING WELL				

BTEX Analytical Results in Groundwater
May 2002 through September 2008
PPG Industries, Inc., Oak Creek, Wisconsin

Well ID	Sample Date	Constituent (ug/L)			
		Benzene 5.0	Ethylbenzene 700	Toluene 1,000	Xylenes (Total) 10,000
MCL					
MW-10	5/1/02	NS	NS	NS	NS
	7/26/04	NS	NS	NS	NS
	1/31/05	NS	NS	NS	NS
	7/5/05	NS	NS	NS	NS
	1/23/06	NS	NS	NS	NS
	7/26/06	ND (0.4)	ND (5)	ND (5)	0.64 J
	11/16/06	ND (0.4)	ND (5)	ND (5)	ND (5)
	2/21/07	ND (0.4)	ND (5)	ND (5)	ND (5)
	7/18/07	ND (0.4)	ND (5)	ND (5)	ND (5)
	9/25/07	ND (0.4)	ND (5)	ND (5)	ND (5)
	12/13/07	ND (0.4)	ND (5)	0.65 J	3.9 J
	3/27/08	ND (0.4)	ND (5)	ND (5)	ND (5)
	6/26/08	ND (0.4)	ND (5)	0.83 J	ND (5)
	9/24/08	ND (0.4)	ND (5)	ND (5)	ND (5)
MW-11	5/1/02	ND (0.4)	ND (5)	ND (5)	ND (5)
	7/26/04	ND (5)	ND (5)	ND (5)	ND (5)
	1/31/05	ND (5)	ND (5)	ND (5)	ND (5)
	7/5/05	ND (5)	ND (5)	ND (5)	ND (5)
	1/23/06	ND (0.4)	ND (5)	ND (5)	ND (5)
	7/26/06	ND (0.4)	ND (5)	ND (5)	ND (5)
	11/16/06	ND (0.4)	ND (5)	ND (5)	ND (5)
	2/21/07	ND (0.4)	ND (5)	ND (5)	ND (5)
	7/18/07	ND (0.4)	ND (5)	ND (5)	ND (5)
	9/25/07	ND (0.4)	ND (5)	ND (5)	ND (5)
	12/13/07	ND (0.4)	ND (5)	ND (5)	ND (5)
	3/27/08	ND (0.4)	ND (5)	0.67 J	ND (5)
	6/26/08	ND (0.4)	ND (5)	ND (5)	ND (5)
	9/24/08	ND (0.4)	ND (5)	ND (5)	ND (5)
MW-12	5/1/02	ND (0.4)	ND (5)	ND (5)	ND (5)
	7/26/04	ND (5)	ND (5)	ND (5)	ND (5)
	1/31/05	ND (5)	ND (5)	ND (5)	ND (5)
	7/5/05	ND (5)	ND (5)	ND (5)	ND (5)
	1/23/06	ND (0.4)	ND (5)	ND (5)	ND (5)
	7/26/06	ND (0.4)	ND (5)	ND (5)	ND (5)
	11/16/06	ND (0.4)	ND (5)	ND (5)	ND (5)
	2/21/07	ND (0.4)	ND (5)	ND (5)	ND (5)
	7/18/07	ND (0.4)	ND (5)	ND (5)	ND (5)
	9/25/07	ND (0.4)	ND (5)	ND (5)	ND (5)
	12/13/07	ND (0.4)	ND (5)	0.26 J	0.84 J
	3/27/08	ND (0.4)	ND (5)	0.57 J	ND (5)
	6/26/08	ND (0.4)	ND (5)	ND (5)	ND (5)
	9/24/08	ND (0.4)	ND (5)	ND (5)	ND (5)

BTEX Analytical Results in Groundwater
May 2002 through September 2008
PPG Industries, Inc., Oak Creek, Wisconsin

Well ID	Sample Date	Constituent (ug/L)			
		Benzene 5.0	Ethylbenzene 700	Toluene 1,000	Xylenes (Total) 10,000
MCL					
MW-14	7/18/07	ND (0.4)	ND (5)	ND (5)	ND (5)
	9/25/07	ND (0.4)	ND (5)	ND (5)	ND (5)
	12/13/07	ND (0.4)	ND (5)	ND (5)	ND (5)
	3/27/08	ND (0.4)	ND (5)	0.61 J	ND (5)
	6/26/08	ND (0.4)	ND (5)	0.80 J	ND (5)
	9/24/08	ND (0.4)	ND (5)	ND (5)	ND (5)

Notes:

Concentrations are in micrograms per liter (ug/L)

MCL = Maximum Contaminant Level

ND (5) = Not detected at the detection limit in parentheses

NS = Not sampled

Groundwater Elevations July 2004 through September 2008
Based on January 2006 Re-Survey
PPG Industries, Inc., Oak Creek, Wisconsin

Monitoring Well ID	Ground Elevation (msl)	TOC Elevation (msl)	July 2004		January 2005		July 2005		January 2006	
			Depth to Water (TOC)	Ground-water Elevation	Depth to Water (TOC)	Ground-water Elevation	Depth to Water (TOC)	Ground-water Elevation	Depth to Water (TOC)	Ground-water Elevation
LP-2**	696.83	697.79	NM	---	NM	---	NM	---	14.55	683.24
LP-3	695.84	696.18	NM	---	NM	---	NM	---	12.77	683.41
LW-2	697.34	698.62	12.75	685.87	13.76	684.86	14.33	684.29	12.87	685.75
LW-3	695.76	696.39	NM	---	NM	---	NM	---	12.7	683.69
LW-5	695.79	698.40	15.54	682.86	15.49	682.91	15.62	682.78	15.75	682.65
LW-6	695.61	698.19	14.06	684.13	14.49	683.7	14.13	684.06	14.26	683.93
MW-10	693.18	696.43	Well Damaged; Not Measured							
MW-11	689.20	691.60	6.47	685.13	6.87	684.73	8.0	683.6	5.4	686.2
MW-12	685.60	687.92	7.03	680.89	6.41	681.51	9.74	678.18	5.44	682.48
MW-13	683.80	686.35	NM	---	NM	---	NM	---	NM	---
MW-14	694.30	693.70	NM	---	NM	---	NM	---	NM	---
MW-15**	696.30	698.97	NM	---	NM	---	NM	---	13.05	685.92
MW-16	696.30	698.36	NM	---	NM	---	NM	---	NM	---
TF-1	697.53	699.31	15.84	683.47	15.98	683.33	15.9	683.41	15.97	683.34
TF-2	696.82	698.00	17.05	680.95	17.14	680.86	17.05	680.95	17.07	680.93
TF-3	697.61	699.64	18.00	681.64	18.13	681.51	18.01	681.63	18.10	681.54
TF-4	697.52	699.18	NM	---	NM	---	NM	---	16.12	683.06

Notes:

TOC = top of casing

BOW = bottom of well

NM = not measured

** = Deep Monitoring Well - not used for groundwater contours.

Groundwater Elevations July 2004 through September 2008
Based on January 2006 Re-Survey
PPG Industries, Inc., Oak Creek, Wisconsin

Monitoring Well ID	Ground Elevation (msl)	TOC Elevation (msl)	July 2006		November 2006		February 2007		July 2007	
			Depth to Water (TOC)	Ground-water Elevation	Depth to Water (TOC)	Ground-water Elevation	Depth to Water (TOC)	Ground-water Elevation	Depth to Water (TOC)	Ground-water Elevation
LP-2**	696.83	697.79	14.4	683.39	11.77	686.02	9.87	687.92	NM	---
LP-3	695.84	696.18	12.11	684.07	9.94	686.24	9.87	686.31	NM	---
LW-2	697.34	698.62	11.64	686.98	11.26	687.36	10.41	688.21	9.43	689.19
LW-3	695.76	696.39	12.4	683.99	11.67	684.72	7.62	688.77	NM	---
LW-5	695.79	698.40	15.75	682.65	12.89	685.51	9.91	688.49	9.69	688.71
LW-6	695.61	698.19	13.88	684.31	12.66	685.53	9.74	688.45	9.48	688.71
MW-10	693.18	696.43	9.18	687.25	9.47	686.96	11.26	685.17	10.09	686.34
MW-11	689.20	691.60	6.43	685.17	5.18	686.42	6.96	684.64	7.57	684.03
MW-12	685.60	687.92	8.31	679.61	5.49	682.43	7.40	680.52	9.02	678.9
MW-13	683.80	686.35	6.48	679.87	5.10	681.25	6.05	680.3	NM	---
MW-14	694.30	693.70	6.77	686.93	6.10	687.6	6.99	686.71	6.15	687.55
MW-15**	696.30	698.97	12.54	686.43	12.09	686.88	12.05	686.92	NM	---
MW-16	696.30	698.36	NM	---	NM	---	NM	---	NM	---
TF-1	697.53	699.31	15.9	683.41	13.75	685.56	10.60	688.71	10.54	688.77
TF-2	696.82	698.00	17.1	680.9	12.38	685.62	9.28	688.72	9.09	688.91
TF-3	697.61	699.64	18.05	681.59	14.00	685.64	10.90	688.74	10.99	688.65
TF-4	697.52	699.18	15.62	683.56	13.26	685.92	10.42	688.76	NM	---

Notes:

TOC = top of casing

BOW = bottom of well

NM = not measured

** = Deep Monitoring Well - not used for groundwater

Groundwater Elevations July 2004 through September 2008
Based on January 2006 Re-Survey
PPG Industries, Inc., Oak Creek, Wisconsin

Monitoring Well ID	Ground Elevation (msl)	TOC Elevation (msl)	September 2007		December 2007		March 2008		June 2008	
			Depth to Water (TOC)	Ground-water Elevation	Depth to Water (TOC)	Ground-water Elevation	Depth to Water (TOC)	Ground-water Elevation	Depth to Water (TOC)	Ground-water Elevation
LP-2**	696.83	697.79	9.24	688.55	9.35	688.44	8.57	689.22	9.09	688.7
LP-3	695.84	696.18	8.84	687.34	8.95	687.23	8.83	687.35	8.78	687.4
LW-2	697.34	698.62	9.61	689.01	10.08	688.54	9.24	689.38	9.19	689.43
LW-3	695.76	696.39	7.46	688.93	7.41	688.98	6.62	689.77	7.28	689.11
LW-5	695.79	698.40	9.68	688.72	9.59	688.81	8.35	690.05	9.21	689.19
LW-6	695.61	698.19	9.52	688.67	9.38	688.81	8.20	689.99	9.00	689.19
MW-10	693.18	696.43	9.44	686.99	10.52	685.91	8.22	688.21	9.50	686.93
MW-11	689.20	691.60	6.87	684.73	4.65	686.95	2.63	688.97	6.73	684.87
MW-12	685.60	687.92	7.62	680.3	6.97	680.95	2.70	685.22	7.18	680.74
MW-13	683.80	686.35	6.38	679.97	4.43	681.92	2.64	683.71	6.43	679.92
MW-14	694.30	693.70	6.96	686.74	5.91	687.79	5.51	688.19	5.66	688.04
MW-15**	696.30	698.97	10.82	688.15	11.24	687.73	10.86	688.11	10.44	688.53
MW-16	696.30	698.36	7.64	690.72	7.25	691.11	6.26	692.1	6.88	691.48
TF-1	697.53	699.31	10.53	688.78	10.50	688.81	9.44	689.87	10.30	689.01
TF-2	696.82	698.00	8.97	689.03	8.90	689.1	7.48	690.52	8.43	689.57
TF-3	697.61	699.64	NM	---	NM	---	10.19	689.45	11.62	688.02
TF-4	697.52	699.18	10.01	689.17	10.10	689.08	8.30	690.88	9.54	689.64

Notes:

TOC = top of casing

BOW = bottom of well

NM = not measured

** = Deep Monitoring Well - not used for groundwater

Groundwater Elevations July 2004 through September 2008
Based on January 2006 Re-Survey
PPG Industries, Inc., Oak Creek, Wisconsin

Monitoring Well ID	Ground Elevation (msl)	TOC Elevation (msl)	September 2008	
			Depth to Water (TOC)	Ground-water Elevation
LP-2**	696.83	697.79	9.05	688.74
LP-3	695.84	696.18	8.72	687.46
LW-2	697.34	698.62	9.43	689.19
LW-3	695.76	696.39	7.31	689.08
LW-5	695.79	698.40	9.27	689.13
LW-6	695.61	698.19	9.05	689.14
MW-10	693.18	696.43	9.48	686.95
MW-11	689.20	691.60	6.38	685.22
MW-12	685.60	687.92	8.41	679.51
MW-13	683.80	686.35	6.07	680.28
MW-14	694.30	693.70	5.81	687.89
MW-15**	696.30	698.97	10.53	688.44
MW-16	696.30	698.36	6.67	691.69
TF-1	697.53	699.31	10.31	689.00
TF-2	696.82	698.00	8.61	689.39
TF-3	697.61	699.64	11.2	688.44
TF-4	697.52	699.18	9.63	689.55

Notes:

TOC = top of casing

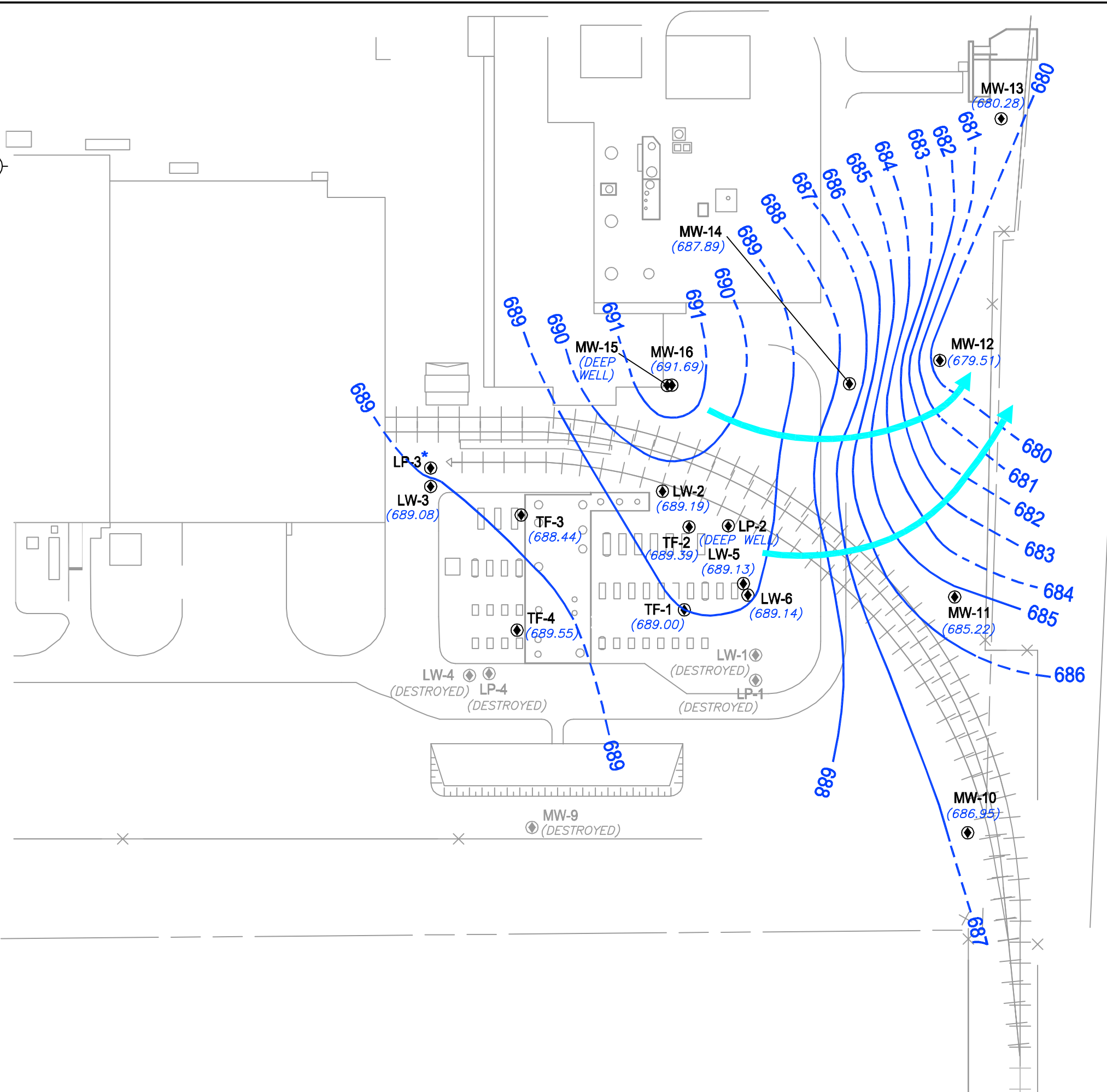
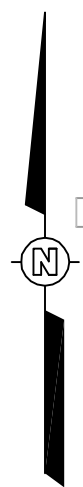
BOW = bottom of well

NM = not measured

** = Deep Monitoring Well - not used for groundwater

DRAWING NUMBER 119637-B14
 APPROVED BY
 CHECKED BY W. Stanhope
 DRAWN BY E. Schlegel 5/13/08
 OFFICE Pittsburgh, PA

Image: 9-24-08
 Plot Date/Time: 11/11/08 02:55pm
 Plotted by: bernadette.oconnor



LEGEND:

- MONITORING WELL LOCATIONS
- GROUNDWATER ELEVATION (MSL)
- GROUNDWATER CONTOUR (DASHED WHERE INFERRED)
- DIRECTION OF GROUNDWATER FLOW

- NOTES:**
1. WATER ELEVATIONS WERE GAUGED AT DEEP WELLS BUT THE GROUND- WATER ELEVATIONS ARE NOT PROVIDED ON THE MAP BECAUSE THESE DATA ARE NOT USED FOR CONTOURING.
 2. CONTOURS ARE BASED ON WATER LEVELS MEASURED SEPTEMBER 24, 2008.
 3. DEEP WELLS (MW-15 AND LP-2) WERE NOT USED FOR CONTOURING PURPOSES.
 4. * LP-3 NOT USED FOR CONTOURING PURPOSES SINCE IT IS SCREENED FROM 30-35'.



Shaw Shaw Environmental, Inc.

PPG INDUSTRIES, INC.
 OAK CREEK, WISCONSIN

FIGURE 1
GROUNDWATER ELEVATION MAP
SEPTEMBER 24, 2008
 HYDROGEOLOGIC EVALUATION
 OAK CREEK, WISCONSIN