RAMBOLL

ENVIRONMENT
& HEALTH

Sent via Electronic Mail

Mr. Matthew J. Ohl
USEPA Region 5
77 West Jackson Boulevard, Mail Code: SR-6J
Chicago, IL 60604-3590

RE: MONTHLY PROGRESS REPORT – MARCH 2022
THIRD SITE, ZIONSVILLE, INDIANA

Dear Mr. Ohl:

April 8, 2022

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This Monthly Progress Report has been prepared by Ramboll US Consulting, Inc. (Ramboll) on behalf of the Third Site Trust (the Trust) pursuant to the Administrative Order by Consent (the Order) for Third Site, located in Zionsville, Indiana (the Site). The Order became effective on December 2, 2002. This Monthly Progress Report includes activities conducted during the month of March 2022.

I. Activities Completed During Reporting Month

- Water pumping and treatment from the Third Site extraction wells EW-1 and EW-4 were conducted for approximately 25 days during the month of March. All extraction wells were turned off on March 4 in order to allow for a site-wide gauging event under non-pumping conditions, which was conducted on March 8. The extraction wells were re-activated on March 9. On March 10, it was determined that the pitless adapter for EW-2 needed to be replaced. A new pitless adapter was received and installed on March 29, and EW-2 was reactivated. Extraction well EW-5 did not operate during the month of March, as detailed in Section III below.
- Extraction well pumps in EW-1 and EW-2 were pulled and manually cleaned on March 10, and the EW-4 pump was manually cleaned on March 29. Also, the manifold of transmission lines from the individual pump flow meters to Tank T11 was cleaned on March 30.
- Water treatment system performance samples were collected on March 23. None of the effluent samples contained any contaminants of concern (COCs) above their respective effluent discharge limits. A discharge monitoring report will be submitted to IDEM in April.
- Sampling activities for the remaining Waterloo^{APS} sampling work as part of the *Third Site Supplemental Sampling Work Plan* were conducted during the period of March 1–4.
- A non-pumping synoptic gauging event was conducted on March 8 in accordance with the *Third Site Supplemental Sampling Work Plan.*

- A pump & treat progress monitoring event was conducted from March 8–10. Due to high water in Finley Creek prohibiting safe access that week, surface water sample SW-5 and monitoring well sample MW-31 were collected later in the month on March 29.
- A response to USEPA comments and revised Plan for Relocation of the 2013 Treatment System to Third Site was submitted to USEPA on March 31.

II. Data Generated During the Reporting Month

- Pumped-water volume data for the operating extraction wells was collected during March. Collected data are provided in Attachment A.
- Analytical results from the March 2022 remedial progress monitoring have been incorporated into the groundwater monitoring and surface water results summary tables (Tables 2A, 2B, 2C, and 3) provided in Attachment B. A sample location map is also provided for reference. Also included in Attachment B are the analytical results from the individual pump & treat extraction wells along with post-treatment effluent sample results (Table 4). The analytical results are preliminary and subject to validation.

III. Developments/Difficulties Encountered During the Reporting Month

- EW-5 would not restart on February 28 due to a transducer failure alarm. It was determined that the EW-5 transducer sensor on the secondary containment sump was not functioning, which was due to electrical malfunction possibly related to recent flooding of Finley Creek at EW-5. An electrician mobilized to the site on March 8 to evaluate the situation. It was determined that the electric circuitry was intact but that the pump had failed. The pump was replaced on March 11 but would only operate in "hand" (manual) mode. Based on this, a new extraction well transducer was ordered. The transducer was received on March 31 and installed on April 1, and EW-5 was re-activated. However, the EW-5 pump shut down over the weekend of April 2–3, apparently due to an electrical issue. An electrician is scheduled to further evaluate the situation on April 11.
- The Third Site Trustees' follow up to the February 16 meeting with USEPA regarding the DNAPL Containment Area was delayed because Dr. Gary Wealthall contracted COVID-19. Comments were received on April 8 for the February 25 Work Plan for the Third Site DNAPL Cell Phase 3 Supplemental Sampling. A response to comments and revised work plan will be prepared as a next step in light of the potential importance of the data from those wells to finalization of an approach to the completion of needed remediation in DNAPL Containment Area.

IV. Activities Anticipated for Next Reporting Month

- Operation and maintenance of the pump & treat system will continue. EW-5 will be re-activated once electrical-related repairs are completed.
- The EW-5 pump test will be conducted in accordance with the *Third Site Supplemental Sampling Work Plan* once EW-5 is re-activated. The pump test is currently scheduled for late April.
- A response to comments and revised Work Plan for the Third Site DNAPL Cell Phase 3 Supplemental Sampling will be prepared by May 9.

Please do not hesitate to contact me if you have any questions concerning this Monthly Progress Report.

Sincerely,

Ramboll US Consulting, Inc.

Andrew A. Gremos, LPG, CHMM
Principal

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Attachments

A. Extraction Well Pumped-Water Volume Data
B. Remedial Progress Monitoring Data

cc: Thomas Krueger, Esq. – USEPA Region 5
Katie Neighbors – IDEM
Corey Knox / Erin Hauber / Will Clabaugh – USACE
Norman W. Bernstein / Naomi Klarberg – N.W. Bernstein & Associates, LLC
Peter M. Racher – Plews Shadley Racher & Braun LLP
Julie Konzuk / Gary Wealthall, PhD – Geosyntec Consultants

ATTACHMENT A

Extraction Well Pumped-Water Volume Data

Table 1
Extraction Well Pumped Water Volumes (gallons)
Third Site Superfund Site
Zionsville, Indiana

Date[1]	Mode	EW-1	EW-2	EW-3	EW-4	EW-5	Period Total	Total Pumped[2]
12/24/2018[3]		38,196	10,156	0	11,827	43,271	103,450	45,990,278
12/26/2018		66,656	17,423	0	19,978	74,336	74,943	46,065,221
12/27/2018		76,770	19,988	0	22,811	85,224	26,400	46,091,621
1/2/2019		76,770	19,988	0	22,811	85,224	0	46,091,621
1/3/2019		76,770	19,988	0	22,811	85,224	0	46,091,621
1/4/2019		76,888	20,015	0	22,848	85,385	343	46,091,964
1/7/2019		115,205	29,432	0	32,813	126,434	98,748	46,190,712
1/8/2019		125,796	32,040	0	35,428	137,444	26,824	46,217,536
1/9/2019		136,409	35,150	0	28,044	148,510	17,405	46,234,941
1/10/2019		150,042	38,421	0	40,679	159,694	40,723	46,275,664
1/11/2019		164,223	42,751	0	44,078	174,618	36,834	46,312,498
1/14/2019		199,651	53,686	0	52,527	212,087	92,281	46,404,779
1/15/2019		213,893	58,070	0	52,822	227,174	34,008	46,438,787
1/16/2019		227,175	62,156	0	58,868	241,435	37,675	46,476,462
1/17/2019		240,443	66,260	0	61,904	255,788	34,761	46,511,223
1/18/2019		252,054	69,841	0	64,623	268,368	30,491	46,541,714
1/21/2019		293,225	82,249	0	75,293	313,491	109,372	46,651,086
1/22/2019		305,421	86,027	0	78,522	327,564	33,276	46,684,362
1/23/2019		318,516	90,016	0	82,566	342,659	36,223	46,720,585
1/24/2019		331,626	93,931	0	87,800	357,143	36,743	46,757,328
1/25/2019		344,203	97,644	0	91,943	371,291	34,581	46,791,909
1/28/2019		380,679	108,704	0	102,591	414,816	101,709	46,893,618
1/29/2019		392,717	112,398	0	105,963	429,176	33,464	46,927,082
1/30/2019		407,926	117,110	0	110,331	447,987	43,100	46,970,182
1/31/2019		407,926	117,110	0	110,331	447,987	0	46,970,182
2/4/2019		407,926	117,110	0	110,970	450,607	3,259	46,973,441
2/5/2019		407,926	117,110	0	114,687	465,339	18,449	46,991,890
2/6/2019		407,926	117,110	0	118,726	479,370	18,070	47,009,960
2/7/2019		410,648	117,110	0	123,761	493,942	22,329	47,032,289
2/8/2019		422,609	117,110	0	128,340	505,939	28,537	47,060,826
2/11/2019		463,303	117,110	0	140,006	548,533	94,954	47,155,780
2/12/2019		488,777	117,110	0	148,129	576,486	61,550	47,217,330
2/15/2019		511,984	117,110	0	155,265	602,763	56,620	47,273,950
2/18/2019		548,597	117,110	0	166,427	645,990	91,002	47,364,952
2/20/2019		572,518	117,110	0	173,456	674,262	59,222	47,424,174
2/21/2019		584,482	117,110	0	177,271	688,399	29,916	47,454,090
2/22/2019		596,127	117,110	0	181,031	702,164	29,170	47,483,260
2/25/2019		629,706	117,110	0	192,708	744,012	87,104	47,570,364
2/27/2019		651,397	117,110	0	200,296	772,212	57,479	47,627,843
3/1/2019		672,796	117,110	0	207,423	800,831	57,145	47,684,988
3/4/2019		695,564	117,110	0	214,666	829,223	58,403	47,743,391
3/11/2019		697,879	117,258	0	215,343	831,602	5,519	47,748,910
3/12/2019		712,219	123,778	0	219,352	845,936	39,203	47,788,113
3/13/2019		712,473	123,913	0	219,429	846,234	764	47,788,877
3/15/2019		736,938	132,398	0	226,092	871,164	64,543	47,853,420
3/18/2019		773,341	143,032	0	236,214	910,673	96,668	47,950,088
3/19/2019		784,601	146,343	0	239,282	922,908	29,874	47,979,962
3/20/2019		798,053	150,300	0	242,917	937,479	35,615	48,015,577
3/22/2019		820,763	157,030	0	249,165	962,468	60,677	48,076,254
3/25/2019		855,850	167,562	0	258,804	1,001,016	93,806	48,170,060
3/26/2019		868,974	171,399	0	262,259	1,015,272	34,672	48,204,732
3/27/2019		881,213	175,076	0	265,521	1,028,926	32,832	48,237,564
3/28/2019		893,110	178,862	0	268,945	1,042,984	33,165	48,270,729
3/29/2019		905,754	182,885	0	272,622	1,057,206	34,566	48,305,295
4/1/2019		906,011	182,968	0	272,709	1,057,555	776	48,306,071
4/2/2019		918,549	186,626	0	276,497	1,072,177	34,606	48,340,677
4/3/2019		931,639	190,444	0	280,172	1,087,447	35,853	48,376,530
4/4/2019		943,927	194,262	0	283,726	1,102,542	34,755	48,411,285
4/5/2019		955,637	197,987	0	287,028	1,116,658	32,853	48,444,138
4/8/2019		990,731	209,153	0	296,536	1,155,176	94,286	48,538,424
4/9/2019		1,002,915	213,030	0	299,869	1,168,469	32,687	48,571,111
4/10/2019		1,014,167	216,619	0	302,954	1,180,784	30,241	48,601,352
4/12/2019		1,035,769	223,493	0	308,877	1,204,348	57,963	48,659,315
4/15/2019		1,071,166	235,509	0	319,147	1,245,498	98,833	48,758,148
4/22/2019		1,146,421	262,244	0	341,390	1,335,825	214,560	48,972,708
4/23/2019		1,154,605	265,154	0	343,893	1,345,805	23,577	48,996,285
4/24/2019		1,163,260	268,154	0	346,446	1,356,099	24,502	49,020,787
4/25/2019		1,171,557	271,060	0	348,958	1,366,069	23,685	49,044,472
4/26/2019		1,180,146	274,081	0	351,548	1,376,503	24,634	49,069,106
4/29/2019		1,210,791	284,820	0	360,718	1,413,343	87,394	49,156,500
4/30/2019		1,221,488	288,572	0	363,935	1,426,212	30,535	49,187,035

Table 1
Extraction Well Pumped Water Volumes (gallons)
Third Site Superfund Site
Zionsville, Indiana

Date[1]	Mode	EW-1	EW-2	EW-3	EW-4	EW-5	Period Total	Total Pumped[2]
5/1/2019	Continuous pumping	1,232,030	292,271	0	367,108	1,438,901	30,103	49,217,138
5/3/2019		1,251,266	299,062	0	372,858	1,462,232	55,108	49,272,246
5/6/2019		1,281,640	309,726	0	381,998	1,498,812	86,758	49,359,004
5/8/2019		1,304,397	317,689	0	388,821	1,526,112	64,843	49,423,847
5/10/2019		1,324,636	324,778	0	388,846	1,554,457	55,698	49,479,545
5/13/2019		1,358,661	336,689	0	389,613	1,602,095	94,341	49,573,886
5/14/2019		1,367,404	340,300	0	392,569	1,616,590	29,805	49,603,691
5/15/2019		1,377,890	343,991	0	395,555	1,631,319	31,892	49,635,583
5/16/2019		1,388,385	347,396	0	398,400	1,646,102	31,528	49,667,111
5/17/2019		1,392,305	347,402	0	398,411	1,651,829	9,664	49,676,775
5/20/2019		1,422,111	348,125	0	399,337	1,693,599	73,225	49,750,000
5/21/2019		1,422,122	351,109	0	402,831	1,709,011	21,901	49,771,901
5/22/2019		1,422,127	354,868	0	407,545	1,723,681	23,148	49,795,049
5/23/2019		1,422,127	359,089	0	412,480	1,739,033	24,508	49,819,557
5/24/2019		1,423,330	362,889	0	416,758	1,751,629	21,877	49,841,434
5/28/2019		1,474,930	379,126	0	429,795	1,805,407	134,652	49,976,086
5/29/2019		1,487,617	382,814	0	432,044	1,805,407	18,624	49,994,710
5/30/2019		1,501,108	386,529	0	434,328	1,805,407	19,490	50,014,200
5/31/2019		1,514,699	390,991	0	438,276	1,805,407	22,001	50,036,201
6/3/2019		1,554,360	401,976	0	447,465	1,805,407	59,835	50,096,036
6/4/2019		1,567,393	405,467	0	450,143	1,805,407	19,202	50,115,238
6/5/2019		1,580,152	408,824	0	452,643	1,805,407	18,616	50,133,854
6/6/2019		1,593,974	412,413	0	453,384	1,805,412	18,157	50,152,011
6/7/2019		1,605,477	415,437	0	457,119	1,805,412	18,262	50,170,273
6/10/2019		1,645,077	425,274	0	465,274	1,805,787	57,967	50,228,240
6/11/2019		1,657,616	429,982	0	467,731	1,820,481	34,398	50,262,638
6/12/2019		1,670,878	434,302	0	470,291	1,835,951	35,612	50,298,250
6/13/2019		1,683,274	438,211	0	472,655	1,850,415	33,133	50,331,383
6/14/2019		1,695,787	442,090	0	473,047	1,865,034	31,403	50,362,786
6/17/2019		1,735,777	456,255	0	485,995	1,909,860	111,929	50,474,715
6/18/2019		1,746,832	456,457	0	486,149	1,921,617	23,168	50,497,883
6/19/2019		1,756,767	460,309	0	488,914	1,932,137	27,072	50,524,955
6/20/2019		1,768,929	465,029	0	492,942	1,944,767	33,540	50,558,495
6/21/2019		1,779,480	469,336	0	496,226	1,956,966	30,341	50,588,836
6/24/2019		1,815,427	483,003	0	505,275	1,993,837	95,534	50,684,370
6/25/2019		1,828,867	488,056	0	508,430	2,007,278	35,089	50,719,459
6/26/2019		1,839,669	492,179	0	510,891	2,018,070	28,178	50,747,637
6/28/2019		1,865,898	502,076	0	516,700	2,044,308	68,173	50,815,810
7/1/2019		1,903,748	516,101	0	524,763	2,082,175	97,805	50,913,615
7/2/2019		1,916,156	520,755	0	527,366	2,094,612	32,102	50,945,717
7/3/2019		1,918,620	521,781	0	527,933	2,097,079	6,524	50,952,241
7/5/2019		1,924,065	524,037	0	529,096	2,102,523	14,308	50,966,549
7/6/2019		1,936,631	529,267	0	531,710	2,115,090	32,977	50,999,526
7/8/2019		1,964,538	540,710	0	537,521	2,144,102	74,173	51,073,699
7/9/2019		1,975,531	545,239	0	539,996	2,156,529	30,424	51,104,123
7/10/2019		1,987,104	549,891	0	542,599	2,169,797	32,096	51,136,219
7/11/2019		1,997,842	554,113	0	545,010	2,182,144	29,718	51,165,937
7/12/2019		2,009,582	558,652	0	547,614	2,195,667	32,406	51,198,343
7/15/2019		2,042,519	571,338	0	554,932	2,233,662	90,936	51,289,279
7/16/2019		2,053,426	575,549	0	554,932	2,246,307	27,763	51,317,042
7/17/2019		2,064,939	579,970	0	559,955	2,259,364	34,014	51,351,056
7/18/2019		2,076,743	584,497	0	562,671	2,273,167	32,850	51,383,906
7/19/2019		2,086,570	588,310	0	564,911	2,284,478	27,191	51,411,097
7/22/2019		2,086,591	588,318	0	564,916	2,284,499	55	51,411,152
7/23/2019		2,091,788	590,461	0	565,950	2,289,778	13,653	51,424,805
7/24/2019		2,095,640	592,024	0	566,705	2,293,687	10,079	51,434,884
7/25/2019		2,099,472	593,538	0	567,433	2,297,600	9,987	51,444,871
7/26/2019		2,103,074	594,962	0	568,106	2,301,321	9,420	51,454,291
7/29/2019		2,103,516	595,146	0	568,185	2,301,770	1,154	51,455,445
7/30/2019		2,116,926	600,629	0	570,503	2,315,178	34,619	51,490,064
7/31/2019		2,128,480	605,461	0	572,758	2,328,433	31,896	51,521,960

Table 1
Extraction Well Pumped Water Volumes (gallons)
Third Site Superfund Site
Zionsville, Indiana

Date[1]	Mode	EW-1	EW-2	EW-3	EW-4	EW-5	Period Total	Total Pumped[2]
8/1/2019	Continuous pumping	2,142,424	609,561	0	574,799	2,340,678	32,330	51,554,290
8/2/2019		2,155,389	613,890	0	576,933	2,353,644	32,394	51,586,684
8/5/2019		2,191,479	625,886	0	582,689	2,389,737	89,935	51,676,619
8/6/2019		2,203,775	629,994	0	584,640	2,402,030	30,648	51,707,267
8/7/2019		2,216,769	634,309	0	586,674	2,415,020	32,333	51,739,600
8/8/2019		2,229,845	638,588	0	588,700	2,428,096	32,457	51,772,057
8/9/2019		2,242,214	642,706	0	590,699	2,440,465	30,855	51,802,912
8/12/2019		2,280,788	655,553	0	596,748	2,479,037	96,042	51,898,954
8/13/2019		2,294,685	660,146	0	598,924	2,492,948	34,577	51,933,531
8/14/2019		2,307,417	664,274	0	600,935	2,505,680	31,603	51,965,134
8/15/2019		2,319,452	667,620	0	602,818	2,517,716	29,300	51,994,434
8/19/2019		2,370,652	681,512	0	611,086	2,568,919	124,563	52,118,997
8/20/2019		2,382,695	685,527	0	613,133	2,580,964	30,150	52,149,147
8/21/2019		2,395,510	689,793	0	615,275	2,593,781	32,040	52,181,187
8/22/2019		2,410,300	694,697	0	617,760	2,608,566	36,964	52,218,151
8/23/2019		2,420,806	698,344	0	619,600	2,619,073	26,500	52,244,651
8/26/2019		2,438,478	704,863	0	622,754	2,636,745	45,017	52,289,668
8/27/2019		2,452,089	710,552	0	626,018	2,650,355	36,174	52,325,842
8/28/2019		2,464,603	715,766	0	628,464	2,662,869	32,688	52,358,530
8/29/2019		2,478,177	721,340	0	630,914	2,676,443	35,172	52,393,702
8/30/2019		2,479,810	722,066	0	631,206	2,678,076	4,284	52,397,986
9/3/2019		2,483,756	723,795	0	631,900	2,682,064	10,357	52,408,343
9/4/2019		2,494,755	728,627	0	633,706	2,693,060	28,633	52,436,976
9/5/2019		2,508,774	734,498	0	635,993	2,707,079	36,196	52,473,172
9/6/2019		2,522,846	740,390	0	638,284	2,721,151	36,327	52,509,499
9/9/2019		2,558,360	755,180	0	644,015	2,756,670	91,554	52,601,053
9/10/2019		2,568,795	759,538	0	645,698	2,767,121	26,927	52,627,980
9/11/2019		2,579,548	764,034	0	647,428	2,777,889	27,747	52,655,727
9/12/2019		2,591,946	769,150	0	649,028	2,790,293	31,518	52,687,245
9/13/2019		2,602,989	773,399	0	651,194	2,801,311	28,476	52,715,721
9/16/2019		2,641,708	786,578	0	657,406	2,840,052	96,851	52,812,572
9/17/2019		2,654,748	791,291	0	659,489	2,853,102	32,886	52,845,458
9/18/2019		2,665,312	794,915	0	661,175	2,863,673	26,445	52,871,903
9/19/2019		2,676,474	798,987	0	663,952	2,874,852	29,190	52,901,093
9/20/2019		2,687,586	803,051	0	664,715	2,885,968	27,055	52,928,148
9/23/2019		2,721,832	816,002	0	670,816	2,924,630	91,960	53,020,108
9/24/2019		2,732,404	820,512	0	672,937	2,937,889	30,462	53,050,570
9/25/2019		2,732,404	824,769	0	675,027	2,950,642	19,100	53,069,670
9/26/2019		2,732,404	828,279	0	676,755	2,961,168	15,764	53,085,434
9/27/2019		2,733,220	832,668	0	678,914	2,974,326	20,522	53,105,956
9/30/2019		2,768,482	846,066	0	685,254	3,014,510	95,184	53,201,140
10/1/2019		2,780,052	850,499	0	687,365	3,027,805	31,409	53,232,549
10/2/2019		2,791,468	854,952	0	689,462	3,041,163	31,324	53,263,873
10/3/2019		2,799,937	857,915	0	690,991	3,049,180	20,978	53,284,851
10/4/2019		2,810,465	862,593	0	692,809	3,060,408	28,252	53,313,103
10/7/2019		2,845,955	879,101	0	699,103	3,100,382	98,266	53,411,369
10/8/2019		2,856,765	883,242	0	701,039	3,112,811	29,316	53,440,685
10/9/2019		2,868,110	887,541	0	702,729	3,125,708	30,231	53,470,916
10/10/2019		2,879,485	891,807	0	702,733	3,138,676	28,613	53,499,529
10/11/2019		2,890,622	895,374	0	703,223	3,151,426	27,944	53,527,473
10/14/2019		2,923,454	904,601	0	706,466	3,188,210	82,086	53,609,559
10/15/2019		2,937,131	908,383	0	707,895	3,203,336	34,014	53,643,573
10/17/2019		2,960,257	914,742	0	710,867	3,228,774	57,895	53,701,468
10/21/2019		3,005,837	927,039	0	716,597	3,277,967	112,800	53,814,268
10/22/2019		3,018,184	930,164	0	718,606	3,290,470	29,984	53,844,252
10/23/2019		3,028,282	932,741	0	720,268	3,300,778	24,645	53,868,897
10/24/2019		3,041,036	935,954	0	721,629	3,313,630	30,180	53,899,077
10/25/2019		3,053,540	939,173	0	723,806	3,326,506	30,776	53,929,853
10/28/2019		3,091,134	948,250	0	729,991	3,362,818	89,168	54,019,021
10/29/2019		3,104,416	951,492	0	732,126	3,375,784	31,625	54,050,646
10/30/2019		3,114,499	953,994	0	734,083	3,385,790	24,548	54,075,194
10/31/2019		3,128,411	957,227	0	737,019	3,398,725	33,016	54,108,210
11/1/2019		3,139,942	959,649	0	739,815	3,408,414	26,438	54,134,648
11/4/2019		3,181,295	969,426	0	751,550	3,447,541	101,992	54,236,640
11/5/2019		3,194,774	972,726	0	755,174	3,460,722	33,584	54,270,224
11/6/2019		3,208,168	975,288	0	758,683	3,479,324	38,067	54,308,291
11/7/2019		3,221,216	975,295	0	762,084	3,486,913	24,045	54,332,336
11/8/2019		3,232,619	975,295	0	765,102	3,498,292	25,800	54,358,136
11/11/2019		3,272,201	975,932	0	775,415	3,538,066	90,306	54,448,442
11/12/2019		3,284,915	979,965	0	778,707	3,551,082	33,055	54,481,497
11/13/2019		3,297,461	984,866	0	781,945	3,563,948	33,551	54,515,048
11/14/2019		3,310,426	989,392	0	784,999	3,577,256	33,853	54,548,901
11/15/2019		3,320,589	992,869	0	787,651	3,587,668	26,704	54,575,605
11/18/2019		3,357,954	1,005,628	0	797,332	3,625,931	98,068	54,673,673
11/19/2019		3,368,516	1,009,417	0	800,030	3,636,209	27,327	54,701,000
11/20/2019		3,378,290	1,012,837	0	802,471	3,645,591	25,017	54,726,017
11/21/2019		3,391,967	1,017,745	0	805,887	3,658,452	34,862	54,760,879
11/22/2019		3,403,203	1,021,352	0	803,631	3,669,241	23,376	54,784,255
11/25/2019		3,439,786	1,034,535	0	817,995	3,705,192	100,081	54,884,336
11/26/2019		3,452,211	1,039,457	0	821,538	3,717,869	33,567	54,917,903
11/29/2019		3,488,615	1,055,203	0	833,746	3,755,373	101,862	55,019,765

Table 1
Extraction Well Pumped Water Volumes (gallons)
Third Site Superfund Site
Zionsville, Indiana

Date[1]	Mode	EW-1	EW-2	EW-3	EW-4	EW-5	Period Total	Total Pumped[2]
12/2/2019	Continuous pumping	3,524,307	1,072,142	0	846,153	3,792,649	102,314	55,122,079
12/3/2019		3,534,976	1,077,474	0	849,712	3,803,321	30,232	55,152,311
12/4/2019		3,545,067	1,082,517	0	853,075	3,813,415	28,591	55,180,902
12/5/2019		3,556,003	1,087,980	0	856,696	3,824,353	30,958	55,211,860
12/6/2019		3,565,821	1,092,886	0	859,916	3,854,173	47,764	55,259,624
12/9/2019		3,603,848	1,112,151	0	872,110	3,872,705	88,018	55,347,642
12/11/2019		3,628,012	1,124,236	0	880,139	3,896,872	68,445	55,416,087
12/13/2019		3,653,423	1,136,941	0	888,467	3,922,282	71,854	55,487,941
12/16/2019		3,691,791	1,156,126	0	900,141	3,960,550	107,495	55,595,436
12/17/2019		3,701,653	1,161,057	0	903,285	3,970,508	27,895	55,623,331
12/20/2019		3,702,059	1,161,263	0	903,387	3,970,927	1,133	55,624,464
12/23/2019		3,741,216	1,180,842	0	913,205	4,010,085	107,712	55,732,176
12/25/2019		3,766,202	1,193,334	0	919,472	4,035,069	68,729	55,800,905
12/27/2019		3,791,654	1,206,061	0	925,867	4,060,524	70,029	55,870,934
12/30/2019		3,828,955	1,225,746	0	936,863	4,097,818	105,276	55,976,210
12/31/2019		3,828,955	1,225,746	0	936,863	4,097,818	0	55,976,210
1/2/2020		3,832,038	1,227,292	0	937,653	4,100,914	8,515	55,984,725
1/3/2020		3,844,533	1,233,540	0	940,854	4,113,409	34,439	56,019,164
1/6/2020		3,883,344	1,252,945	0	950,834	4,152,220	107,007	56,126,171
1/7/2020		3,896,370	1,259,426	0	954,111	4,165,184	35,748	56,161,919
1/8/2020		3,909,152	1,265,850	0	957,463	4,178,027	35,401	56,197,320
1/9/2020		3,922,075	1,272,312	0	960,830	4,190,952	35,677	56,232,997
1/10/2020		3,934,765	1,279,337	0	964,843	4,206,762	39,538	56,272,535
1/13/2020		3,971,829	1,302,637	0	981,627	4,256,193	126,579	56,399,114
1/14/2020		3,984,250	1,309,478	0	985,727	4,272,754	39,923	56,439,037
1/15/2020		3,994,501	1,314,605	0	988,849	4,286,426	32,172	56,471,209
1/16/2020		4,007,065	1,320,977	0	992,590	4,303,207	39,458	56,510,667
1/17/2020		4,017,886	1,326,390	0	995,719	4,317,641	33,797	56,544,464
1/20/2020		4,056,675	1,346,879	0	1,008,122	4,369,371	123,411	56,667,875
1/21/2020		4,068,984	1,353,036	0	1,011,706	4,385,790	38,469	56,706,344
1/22/2020		4,081,788	1,359,438	0	1,015,307	4,402,857	39,874	56,746,218
1/23/2020		4,093,811	1,365,454	0	1,018,631	4,418,899	37,405	56,783,623
1/24/2020		4,107,216	1,372,157	0	1,022,285	4,436,769	41,632	56,825,255
1/27/2020		4,145,697	1,391,399	0	1,032,963	4,488,078	119,710	56,944,965
1/28/2020		4,156,205	1,396,654	0	1,035,922	4,502,081	32,725	56,977,690
1/29/2020		4,169,213	1,403,141	0	1,039,695	4,519,473	40,660	57,018,350
1/30/2020		4,181,771	1,409,452	0	1,043,287	4,536,217	39,205	57,057,555
1/31/2020		4,194,613	1,415,967	0	1,047,030	4,553,591	40,474	57,098,029
2/3/2020		4,220,890	1,435,657	0	1,058,281	4,606,281	109,908	57,207,937
2/4/2020		4,228,781	1,441,576	0	1,061,682	4,621,880	32,810	57,240,747
2/5/2020		4,237,747	1,448,300	0	1,065,777	4,639,811	37,716	57,278,463
2/6/2020		4,246,119	1,454,579	0	1,069,121	4,653,885	32,069	57,310,532
2/7/2020		4,254,870	1,461,143	0	1,073,921	4,674,058	40,288	57,350,820
2/10/2020		4,280,986	1,480,730	0	1,086,726	4,726,292	110,742	57,461,562
2/11/2020		4,289,438	1,487,068	0	1,090,951	4,743,202	35,925	57,497,487
2/12/2020		4,298,642	1,493,123	0	1,094,990	4,759,347	35,443	57,532,930
2/13/2020		4,311,862	1,499,848	0	1,099,473	4,777,279	42,360	57,575,290
2/14/2020		4,320,126	1,506,045	0	1,101,795	4,793,805	33,309	57,608,599
2/17/2020		4,346,115	1,525,537	0	1,108,292	4,845,783	103,956	57,712,555
2/19/2020		4,363,697	1,538,724	0	1,112,688	4,880,950	70,332	57,782,887
2/20/2020		4,371,287	1,544,427	0	1,114,590	4,896,171	30,416	57,813,303
2/21/2020		4,379,476	1,550,570	0	1,116,637	4,912,548	32,756	57,846,059
2/24/2020		4,403,691	1,568,746	0	1,122,697	4,961,023	96,926	57,942,985
2/25/2020		4,411,821	1,574,867	0	1,124,736	4,977,339	32,606	57,975,591
2/26/2020		4,419,521	1,580,644	0	1,126,662	4,992,757	30,821	58,006,412
2/27/2020		4,428,274	1,587,202	0	1,128,850	5,010,247	34,989	58,041,401
2/28/2020		4,437,034	1,593,773	0	1,131,040	5,027,768	35,042	58,076,443
3/2/2020		4,463,582	1,613,683	0	1,137,676	5,080,861	106,187	58,182,630
3/3/2020		4,472,079	1,620,055	0	1,139,801	5,097,859	33,992	58,216,622
3/4/2020		4,481,141	1,626,853	0	1,142,206	5,115,295	35,701	58,252,323
3/5/2020		4,489,150	1,632,859	0	1,144,069	5,127,496	28,079	58,280,402
3/6/2020		4,496,934	1,638,697	0	1,146,015	5,140,773	28,845	58,309,247
3/9/2020		4,523,333	1,658,514	0	1,152,621	5,184,832	96,881	58,406,128
3/10/2020		4,532,095	1,665,086	0	1,154,812	5,199,724	32,417	58,438,545
3/11/2020		4,540,727	1,671,559	0	1,156,969	5,214,476	32,014	58,470,559
3/13/2020		4,557,439	1,684,219	0	1,161,189	5,242,979	62,095	58,532,654
3/16/2020		4,602,693	1,703,759	0	1,167,701	5,286,591	114,918	58,647,572
3/17/2020		4,617,181	1,710,042	0	1,169,795	5,300,536	36,810	58,684,382
3/18/2020		4,631,665	1,716,585	0	1,171,977	5,315,043	37,716	58,722,098
3/19/2020		4,647,400	1,722,501	0	1,173,654	5,329,096	37,381	58,759,479
3/20/2020		4,664,159	1,728,786	0	1,173,735	5,345,722	39,751	58,799,230
3/23/2020		4,713,419	1,747,261	0	1,192,174	5,391,707	132,159	58,931,389
3/24/2020		4,727,350	1,747,340	0	1,195,669	5,404,580	30,378	58,961,767
3/25/2020		4,743,290	1,752,726	0	1,199,903	5,420,272	41,252	59,003,019
3/27/2020		4,768,292	1,765,035	0	1,208,592	5,451,518	77,246	59,080,265
3/30/2020		4,808,199	1,783,084	0	1,222,984	5,497,323	118,153	59,198,418

Table 1
Extraction Well Pumped Water Volumes (gallons)
Third Site Superfund Site
Zionsville, Indiana

Date[1]	Mode	EW-1	EW-2	EW-3	EW-4	EW-5	Period Total	Total Pumped[2]
4/1/2020	Continuous pumping	4,838,109	1,794,918	0	1,230,986	5,528,862	81,285	59,279,703
4/3/2020		4,856,978	1,808,397	0	1,239,973	5,561,797	74,270	59,353,973
4/6/2020		4,882,698	1,827,702	0	1,252,907	5,602,002	98,164	59,452,137
4/8/2020		4,894,259	1,836,804	0	1,259,070	5,620,327	45,151	59,497,288
4/10/2020		4,896,079	1,836,933	0	1,260,403	5,622,344	5,299	59,502,587
4/13/2020		4,908,306	1,846,091	0	1,266,850	5,646,771	52,259	59,554,846
4/15/2020		4,925,988	1,859,353	0	1,280,113	5,682,139	79,575	59,634,421
4/17/2020		4,940,950	1,870,575	0	1,291,335	5,712,062	67,329	59,701,750
4/20/2020		4,965,178	1,888,738	0	1,309,498	5,760,505	108,997	59,810,747
4/22/2020		4,980,819	1,900,466	0	1,321,227	5,791,779	70,372	59,881,119
4/24/2020		4,996,429	1,912,169	0	1,332,932	5,822,986	70,225	59,951,344
4/27/2020		5,020,674	1,930,353	0	1,351,116	5,871,475	109,102	60,060,446
4/29/2020		5,035,603	1,941,552	0	1,362,315	5,901,339	67,191	60,127,637
5/1/2020		5,050,392	1,952,663	0	1,373,425	5,930,969	66,640	60,194,277
5/4/2020		5,075,707	1,971,760	0	1,392,518	5,981,896	114,432	60,308,709
5/6/2020		5,093,302	1,984,958	0	1,405,716	6,017,090	79,185	60,387,894
5/8/2020		5,110,254	1,997,670	0	1,418,428	6,050,987	76,273	60,464,167
5/11/2020		5,136,080	2,017,041	0	1,437,798	6,102,640	116,220	60,580,387
5/13/2020		5,152,897	2,029,651	0	1,450,408	6,136,267	75,664	60,656,051
5/14/2020		5,161,828	2,036,343	0	1,457,102	6,154,119	40,169	60,696,220
5/15/2020		5,170,048	2,042,513	0	1,463,270	6,170,570	37,009	60,733,229
5/18/2020		5,196,133	2,062,078	0	1,482,835	6,222,744	117,389	60,850,618
5/19/2020		5,203,938	2,067,930	0	1,488,688	6,238,350	35,116	60,885,734
5/20/2020		5,213,255	2,074,920	0	1,495,676	6,256,985	41,930	60,927,664
5/22/2020		5,230,804	2,086,648	0	1,508,839	6,292,090	77,545	61,005,209
5/26/2020		5,264,846	2,087,136	0	1,534,365	6,360,173	128,139	61,133,348
5/27/2020		5,271,788	2,087,136	0	1,539,554	6,374,049	26,007	61,159,355
5/28/2020		5,282,006	2,087,136	0	1,547,217	6,394,484	38,316	61,197,671
5/29/2020		5,290,491	2,087,136	0	1,553,577	6,411,454	31,815	61,229,486
6/1/2020		5,316,646	2,087,136	0	1,573,133	6,463,764	98,021	61,327,507
6/3/2020		5,333,570	2,087,136	0	1,583,831	6,497,613	61,471	61,388,978
6/5/2020		5,349,724	2,087,136	0	1,595,882	6,529,918	60,510	61,449,488
6/8/2020		5,376,347	2,087,136	0	1,610,153	6,583,160	94,136	61,543,624
6/9/2020		5,385,136	2,087,136	0	1,614,349	6,600,743	30,568	61,574,192
6/10/2020		5,393,860	2,087,136	0	1,618,921	6,617,888	30,441	61,604,633
6/11/2020		5,402,243	2,087,136	0	1,623,104	6,633,119	27,797	61,632,430
6/12/2020		5,410,806	2,087,136	0	1,627,385	6,648,328	28,053	61,660,483
6/15/2020		5,435,789	2,087,136	0	1,640,081	6,693,676	83,027	61,743,510
6/16/2020		5,444,877	2,087,136	0	1,645,438	6,709,069	29,838	61,773,348
6/17/2020		5,453,049	2,087,136	0	1,649,925	6,725,671	29,261	61,802,609
6/19/2020		5,469,263	2,087,136	0	1,658,031	6,755,599	54,248	61,856,857
6/23/2020		5,504,817	2,087,136	0	1,655,795	6,821,120	98,839	61,955,696
6/24/2020		5,511,591	2,087,136	0	1,679,173	6,833,886	42,918	61,998,614
6/25/2020		5,520,265	2,087,136	0	1,683,509	6,851,233	30,357	62,028,971
6/26/2020		5,528,454	2,087,136	0	1,687,602	6,867,590	28,639	62,057,610
6/29/2020		5,554,364	2,088,494	0	1,700,550	6,919,111	91,737	62,149,347
7/2/2020		5,570,085	2,106,563	0	1,709,592	6,955,287	79,008	62,228,355
7/6/2020		5,571,390	2,120,172	0	1,725,429	7,018,629	94,093	62,322,448
7/7/2020		5,578,250	2,123,615	0	1,729,154	7,033,527	28,926	62,351,374
7/8/2020		5,578,250	2,124,007	0	1,734,277	7,054,016	26,004	62,377,378
7/9/2020		5,579,865	2,127,135	0	1,737,405	7,066,496	20,351	62,397,729
7/10/2020		5,586,765	2,130,589	0	1,740,738	7,080,309	27,500	62,425,229
7/13/2020		5,610,106	2,153,921	0	1,752,531	7,127,007	105,164	62,530,393
7/14/2020		5,618,624	2,162,445	0	1,756,795	7,144,060	38,359	62,568,752
7/15/2020		5,622,369	2,169,119	0	1,760,127	7,157,398	27,089	62,595,841
7/16/2020		5,631,306	2,177,860	0	1,764,596	7,175,275	40,024	62,635,865
7/17/2020		5,639,419	2,185,973	0	1,768,653	7,191,503	36,511	62,672,376
7/20/2020		5,648,928	2,195,531	0	1,773,431	7,210,623	42,965	62,715,341
7/21/2020		5,656,679	2,203,284	0	1,777,306	7,226,123	34,879	62,750,220
7/22/2020		5,665,443	2,212,047	0	1,781,671	7,243,655	39,424	62,789,644
7/23/2020		5,673,667	2,220,771	0	1,785,783	7,260,101	37,506	62,827,150
7/24/2020		5,682,591	2,229,194	0	1,790,244	7,277,949	39,656	62,866,806
7/27/2020		5,708,288	2,254,892	0	1,803,093	7,329,343	115,638	62,982,444
7/28/2020		5,714,951	2,261,564	0	1,806,429	7,342,678	30,006	63,012,450
7/29/2020		5,724,085	2,270,735	0	1,811,015	7,361,027	41,240	63,053,690
7/30/2020		5,732,141	2,278,791	0	1,815,043	7,377,141	36,254	63,089,944
7/31/2020		5,740,724	2,287,374	0	1,819,355	7,394,309	38,646	63,128,590

Table 1
Extraction Well Pumped Water Volumes (gallons)
Third Site Superfund Site
Zionsville, Indiana

Date[1]	Mode	EW-1	EW-2	EW-3	EW-4	EW-5	Period Total	Total Pumped[2]
8/3/2020	Continuous pumping	5,746,404	2,311,132	0	1,831,214	7,441,821	88,809	63,217,399
8/4/2020		5,746,408	2,319,785	0	1,835,540	7,459,128	30,290	63,247,689
8/5/2020		5,754,928	2,328,321	0	1,839,808	7,476,199	38,395	63,286,084
8/6/2020		5,763,873	2,337,267	0	1,844,281	7,494,091	40,256	63,326,340
8/7/2020		5,772,139	2,345,533	0	1,848,414	7,510,624	37,198	63,363,538
8/10/2020		5,782,124	2,371,904	0	1,861,600	7,563,384	102,302	63,465,840
8/11/2020		5,788,132	2,380,573	0	1,865,934	7,580,722	36,349	63,502,189
8/12/2020		5,788,325	2,388,420	0	1,869,858	7,596,415	27,657	63,529,846
8/14/2020		5,788,608	2,404,344	0	1,877,819	7,627,893	55,646	63,585,492
8/17/2020		5,812,868	2,428,638	0	1,889,967	7,676,485	109,294	63,694,786
8/18/2020		5,821,626	2,437,395	0	1,894,345	7,693,999	39,407	63,734,193
8/19/2020		5,830,206	2,445,975	0	1,898,636	7,711,161	38,613	63,772,806
8/20/2020		5,837,545	2,453,332	0	1,902,314	7,725,873	33,086	63,805,892
8/21/2020		5,843,596	2,463,020	0	1,907,158	7,745,249	39,959	63,845,851
8/24/2020		5,843,838	2,488,768	0	1,919,103	7,796,864	89,550	63,935,401
8/25/2020		5,843,839	2,497,328	0	1,919,103	7,814,769	26,466	63,961,867
8/26/2020		5,843,839	2,504,950	0	1,919,113	7,829,468	22,331	63,984,198
8/27/2020		5,843,839	2,512,654	0	1,919,113	7,829,468	7,704	63,991,902
8/28/2020		5,845,591	2,512,657	0	1,919,540	7,829,469	2,183	63,994,085
8/31/2020		5,871,665	2,512,667	0	1,930,506	7,829,582	37,163	64,031,248
9/1/2020		5,878,542	2,513,364	0	1,934,423	7,839,236	21,145	64,052,393
9/2/2020		5,888,646	2,514,874	0	1,939,463	7,860,141	37,559	64,089,952
9/3/2020		5,897,279	2,516,648	0	1,943,657	7,877,408	31,868	64,121,820
9/4/2020		5,905,283	2,518,228	0	1,947,502	7,893,397	29,418	64,151,238
9/8/2020		5,915,253	2,518,228	0	1,952,324	7,893,397	14,792	64,166,030
9/9/2020		5,917,453	2,518,228	0	1,952,869	7,897,800	7,148	64,173,178
9/15/2020		5,917,621	2,518,280	0	1,952,909	7,898,053	513	64,173,691
9/16/2020		5,924,251	2,520,435	0	1,954,589	7,909,857	22,269	64,195,960
9/18/2020		5,924,331	2,521,570	0	1,954,607	7,910,004	1,380	64,197,340
9/21/2020		5,950,157	2,525,477	0	1,960,978	7,961,661	87,761	64,285,101
9/22/2020		5,958,755	2,526,067	0	1,964,949	7,978,852	30,350	64,315,451
9/23/2020		5,967,290	2,528,282	0	1,969,235	7,995,928	32,112	64,347,563
9/24/2020		5,976,052	2,530,500	0	1,973,627	8,013,446	32,890	64,380,453
9/25/2020		5,983,396	2,532,331	0	1,977,294	8,028,134	27,530	64,407,983
9/28/2020		6,010,427	2,538,591	0	1,990,804	8,082,196	100,863	64,508,846
9/29/2020		6,017,135	2,540,020	0	1,994,159	8,095,605	24,901	64,533,747
10/2/2020		6,042,471	2,541,490	0	2,006,825	8,146,290	90,157	64,623,904
10/5/2020		6,067,520	2,547,576	0	2,019,338	8,196,380	93,738	64,717,642
10/7/2020		6,083,113	2,552,287	0	2,027,129	8,227,562	59,277	64,776,919
10/8/2020		6,091,485	2,553,684	0	2,031,317	8,244,310	30,705	64,807,624
10/9/2020		6,099,698	2,555,683	0	2,035,424	8,260,735	30,744	64,838,368
10/12/2020		6,123,934	2,561,832	0	2,047,525	8,309,198	90,949	64,929,317
10/13/2020		6,123,934	2,561,832	0	2,047,525	8,309,198	0	64,929,317
10/14/2020		6,123,934	2,561,832	0	2,047,525	8,309,198	0	64,929,317
10/15/2020		6,124,038	2,561,839	0	2,047,575	8,309,408	371	64,929,688
10/16/2020		6,125,305	2,561,839	0	2,048,278	8,311,903	4,465	64,934,153
10/19/2020		6,128,623	2,562,501	0	2,050,132	8,318,504	12,435	64,946,588
10/20/2020		6,136,903	2,565,942	0	2,054,273	8,335,066	32,424	64,979,012
10/21/2020		6,145,651	2,570,449	0	2,059,726	8,352,561	36,203	65,015,215
10/22/2020		6,152,325	2,574,309	0	2,064,730	8,365,902	28,879	65,044,094
10/23/2020		6,152,332	2,574,318	0	2,064,733	8,365,920	37	65,044,131
10/26/2020		6,176,506	2,587,781	0	2,080,027	8,388,608	75,619	65,119,750
10/27/2020		6,176,506	2,587,781	0	2,080,027	8,388,608	0	65,119,750
10/28/2020		6,176,579	2,587,828	0	2,080,078	8,388,633	196	65,119,946
10/29/2020		6,183,612	2,592,021	0	2,084,459	8,402,693	29,667	65,149,613
11/2/2020		6,211,744	2,611,333	0	2,101,264	8,402,733	64,289	65,213,902
11/3/2020		6,220,432	2,616,796	0	2,105,597	8,420,042	35,793	65,249,695
11/4/2020		6,228,737	2,621,886	0	2,109,735	8,436,647	34,138	65,283,833
11/5/2020		6,235,460	2,625,967	0	2,113,089	8,437,383	14,894	65,298,727
11/6/2020		6,235,617	2,626,074	0	2,113,167	8,437,585	544	65,299,271
11/9/2020		6,259,846	2,640,696	0	2,125,263	8,448,704	62,066	65,361,337
11/10/2020		6,268,136	2,645,708	0	2,129,408	8,465,287	34,030	65,395,367
11/11/2020		6,275,465	2,650,016	0	2,133,662	8,479,944	30,548	65,425,915
11/13/2020		6,290,738	2,658,959	0	2,140,669	8,510,280	61,559	65,487,474
11/16/2020		6,314,942	2,674,349	0	2,152,742	8,512,222	53,609	65,541,083
11/17/2020		6,321,527	2,678,793	0	2,156,026	8,525,393	27,484	65,568,567
11/18/2020		6,330,411	2,684,620	0	2,160,468	8,543,160	36,920	65,605,487
11/19/2020		6,338,960	2,689,899	0	2,164,741	8,560,184	35,125	65,640,612
11/20/2020		6,345,887	2,693,978	0	2,168,195	8,570,061	24,337	65,664,949
11/23/2020		6,370,852	2,711,332	0	2,180,661	8,584,970	69,694	65,734,643
11/25/2020		6,387,985	2,722,503	0	2,189,229	8,584,970	36,872	65,771,515
11/30/2020		6,431,569	2,744,665	0	2,211,023	8,584,981	87,551	65,859,066

Table 1
Extraction Well Pumped Water Volumes (gallons)
Third Site Superfund Site
Zionsville, Indiana

Date[1]	Mode	EW-1	EW-2	EW-3	EW-4	EW-5	Period Total	Total Pumped[2]
12/1/2020	Continuous pumping	6,436,967	2,746,608	0	2,213,698	8,595,760	20,795	65,879,861
12/3/2020		6,438,577	2,747,273	0	2,214,499	8,598,988	6,304	65,886,165
12/4/2020		6,440,433	2,747,945	0	2,213,422	8,600,232	2,695	65,888,860
12/7/2020		6,440,514	2,747,986	0	2,215,463	8,600,245	2,176	65,891,036
12/8/2020		6,448,858	2,751,119	0	2,219,625	8,616,938	32,332	65,923,368
12/9/2020		6,457,454	2,754,294	0	2,223,924	8,634,129	33,261	65,956,629
12/10/2020		6,466,401	2,757,545	0	2,228,394	8,652,022	34,561	65,991,190
12/11/2020		6,473,225	2,760,026	0	2,231,805	8,665,669	26,363	66,017,553
12/14/2020		6,497,271	2,771,656	0	2,245,288	8,719,652	103,142	66,120,695
12/15/2020		6,508,922	2,775,229	0	2,249,637	8,736,963	36,884	66,157,579
12/16/2020		6,515,972	2,778,085	0	2,253,145	8,745,296	21,747	66,179,326
12/18/2020		6,534,266	2,785,246	0	2,262,268	8,746,236	35,518	66,214,844
12/21/2020		6,560,450	2,794,857	0	2,275,325	8,767,059	69,675	66,284,519
12/23/2020		6,568,401	2,803,441	0	2,279,518	8,767,940	21,609	66,306,128
12/28/2020		6,611,144	2,824,811	0	2,300,863	8,840,326	157,844	66,463,972
12/29/2020		6,620,062	2,828,215	0	2,302,857	8,854,991	28,981	66,492,953
12/31/2020		6,635,687	2,836,027	0	2,310,668	8,881,919	58,176	66,551,129
1/4/2021		6,653,537	2,853,925	0	2,323,776	8,935,976	102,913	66,654,042
1/5/2021		6,653,537	2,858,315	0	2,323,776	8,936,462	4,876	66,658,918
1/6/2021		6,653,537	2,862,559	0	2,323,776	8,953,435	21,217	66,680,135
1/7/2021		6,653,537	2,866,144	0	2,323,776	8,967,768	17,918	66,698,053
1/8/2021		0	4,665	0	3,668	17,855	26,188	66,724,241
1/11/2021		0	18,652	0	14,415	71,217	78,096	66,802,337
1/12/2021		0	23,228	0	17,780	88,688	25,412	66,827,749
1/13/2021		0	27,309	0	20,318	104,191	22,122	66,849,871
1/15/2021		0	37,277	0	25,608	137,979	49,046	66,898,917
1/18/2021		0	50,571	0	33,489	186,082	69,278	66,968,195
1/19/2021		0	54,483	0	35,967	200,319	20,627	66,988,822
1/20/2021		0	59,167	0	39,113	216,086	23,597	67,012,419
1/21/2021		11,768	63,876	0	42,175	231,681	35,134	67,047,553
1/22/2021		21,522	68,052	0	44,881	245,509	30,464	67,078,017
1/25/2021		49,429	80,352	0	53,015	286,487	89,319	67,167,336
1/26/2021		49,446	80,359	0	53,020	286,520	62	67,167,398
1/29/2021		68,946	88,635	0	58,475	313,998	60,709	67,228,107
2/1/2021		86,392	88,635	0	58,475	338,480	41,928	67,270,035
2/3/2021		86,392	88,635	0	58,475	338,480	0	67,270,035
2/4/2021		86,392	88,635	0	58,475	338,480	0	67,270,035
2/5/2021		89,038	88,748	0	58,750	339,313	3,867	67,273,902
2/8/2021		117,325	101,986	0	67,792	379,707	90,961	67,364,863
2/9/2021		117,325	101,986	0	67,792	379,707	0	67,364,863
2/10/2021		117,325	101,986	0	67,792	379,707	0	67,364,863
2/11/2021		117,325	101,986	0	67,792	379,707	0	67,364,863
2/12/2021		117,325	101,986	0	67,792	379,707	0	67,364,863
2/15/2021		117,461	102,038	0	67,826	379,876	391	67,365,254
2/19/2021		117,461	102,038	0	67,826	379,876	0	67,365,254
2/22/2021		119,124	102,707	0	68,330	382,129	5,089	67,370,343
2/23/2021		128,169	106,811	0	71,323	395,427	29,440	67,399,783
2/24/2021		137,543	110,793	0	74,208	408,251	29,065	67,428,848
2/25/2021		148,796	110,793	0	74,208	422,563	25,565	67,454,413
2/26/2021		150,711	111,592	0	74,779	424,950	5,672	67,460,085
3/1/2021		185,864	126,282	0	85,310	468,524	103,948	67,564,033
3/3/2021		211,339	136,927	0	92,639	499,165	74,090	67,638,123
3/5/2021		234,721	146,789	0	99,264	527,639	68,343	67,706,466
3/8/2021		269,046	161,328	0	108,564	569,530	100,055	67,806,521
3/9/2021		280,212	166,126	0	111,463	583,388	32,721	67,839,242
3/10/2021		291,095	170,931	0	114,287	597,269	32,393	67,871,635
3/12/2021		312,409	180,596	0	120,135	625,195	64,753	67,936,388
3/15/2021		343,316	194,968	0	128,430	669,904	98,283	68,034,671
3/16/2021		353,922	199,776	0	131,118	684,864	33,062	68,067,733
3/17/2021		364,046	204,320	0	133,643	699,001	31,330	68,099,063
3/18/2021		375,959	209,516	0	136,587	715,166	36,218	68,135,281
3/19/2021		387,832	214,164	0	139,426	729,621	33,815	68,169,096
3/22/2021		423,886	228,370	0	147,494	773,304	102,011	68,271,107
3/23/2021		435,530	233,235	0	150,140	787,268	33,119	68,304,226
3/24/2021		446,161	237,500	0	152,616	800,138	30,242	68,334,468
3/26/2021		467,691	245,905	0	157,557	827,170	61,908	68,396,376
3/29/2021		502,948	259,908	0	165,847	872,056	102,436	68,498,812
3/30/2021		514,739	264,508	0	168,525	886,020	33,033	68,531,845
3/31/2021		525,344	268,576	0	171,023	899,014	30,165	68,562,010

Table 1
Extraction Well Pumped Water Volumes (gallons)
Third Site Superfund Site
Zionsville, Indiana

Date[1]	Mode	EW-1	EW-2	EW-3	EW-4	EW-5	Period Total	Total Pumped[2]
4/1/2021	Continuous pumping	537,083	273,252	0	173,944	914,200	34,522	68,596,532
4/2/2021		547,656	277,597	0	176,670	928,323	31,767	68,628,299
4/5/2021		576,487	290,004	0	184,411	968,477	89,133	68,717,432
4/6/2021		587,230	294,748	0	187,295	983,240	33,134	68,750,566
4/7/2021		596,616	298,912	0	189,654	996,033	28,702	68,779,268
4/8/2021		606,485	303,269	0	192,153	1,009,332	30,024	68,809,292
4/9/2021		616,439	307,586	0	194,677	1,022,294	29,757	68,839,049
6/4/2021		625,777	311,411	0	196,943	1,034,676	27,811	68,866,860
6/8/2021[4]		635,523	315,900	0	200,050	1,050,323	32,989	68,899,849
6/9/2021		645,199	320,467	0	203,135	1,065,347	32,352	68,932,201
6/11/2021		663,873	329,274	0	209,265	1,094,990	63,254	68,995,455
6/14/2021		691,852	342,184	0	218,616	1,140,407	95,657	69,091,112
6/15/2021		700,986	346,297	0	221,747	1,155,448	31,419	69,122,531
6/16/2021		709,222	349,985	0	224,576	1,169,106	28,411	69,150,942
6/17/2021		718,193	354,149	0	227,673	1,183,777	30,903	69,181,845
6/18/2021		727,024	358,240	0	230,760	1,198,487	30,719	69,212,564
6/21/2021		754,131	371,502	0	239,987	1,243,425	94,534	69,307,098
6/22/2021		763,327	376,125	0	243,311	1,258,763	32,481	69,339,579
6/23/2021		771,912	380,429	0	246,442	1,273,093	30,350	69,369,929
6/24/2021		780,697	384,760	0	249,638	1,284,511	27,730	69,397,659
6/25/2021		789,643	389,140	2	252,888	1,302,402	34,469	69,432,128
6/28/2021		817,476	403,687	0	263,043	1,348,051	98,182	69,530,310
6/29/2021		826,795	408,470	0	266,474	1,363,291	32,773	69,563,083
6/30/2021		835,696	413,343	0	269,724	1,377,979	31,712	69,594,795
7/1/2021		845,351	418,883	0	273,251	1,393,496	34,239	69,629,034
7/2/2021		854,545	423,920	0	276,657	1,408,217	32,358	69,661,392
7/6/2021		890,729	443,245	0	289,999	1,468,478	129,112	69,790,504
7/7/2021		899,384	447,474	0	293,147	1,483,193	30,747	69,821,251
7/8/2021		908,142	451,757	0	296,343	1,498,169	31,213	69,852,464
7/9/2021		917,792	456,055	0	300,167	1,513,162	32,765	69,885,229
7/12/2021		945,224	469,000	0	310,513	1,555,619	93,180	69,978,409
7/13/2021		953,681	472,900	0	313,696	1,567,835	27,756	70,006,165
7/14/2021		964,447	477,246	0	318,416	1,581,654	33,651	70,039,816
7/16/2021		985,043	485,590	0	326,491	1,612,038	67,399	70,107,215
7/19/2021		1,019,547	497,278	0	340,694	1,654,816	103,173	70,210,388
7/20/2021		1,028,879	500,831	0	344,747	1,666,999	29,121	70,239,509
7/21/2021		1,038,564	504,726	0	348,678	1,680,351	30,863	70,270,372
7/22/2021		1,046,824	508,154	0	352,099	1,692,103	26,861	70,297,233
7/23/2021		1,055,513	512,606	0	356,023	1,706,022	30,984	70,328,217
7/26/2021		1,079,395	523,489	0	365,975	1,744,679	83,374	70,411,591
7/28/2021		1,094,870	529,955	0	372,324	1,770,072	53,683	70,465,274
7/30/2021		1,110,654	536,573	0	378,942	1,796,544	55,492	70,520,766
8/2/2021		1,132,919	546,161	0	388,487	1,834,816	79,670	70,600,436
8/3/2021		1,139,868	549,185	0	391,510	1,846,087	24,267	70,624,703
8/4/2021		1,147,859	552,652	0	394,669	1,858,900	27,430	70,652,133
8/5/2021		1,155,167	555,847	0	397,331	1,870,611	24,876	70,677,009
8/6/2021		1,163,152	559,360	0	400,258	1,884,355	28,169	70,705,178
8/9/2021		1,183,336	568,290	0	407,700	1,918,753	70,954	70,776,132
8/10/2021		1,191,127	571,738	0	410,574	1,931,882	27,242	70,803,374
8/11/2021		1,198,949	575,206	0	413,457	1,944,974	27,265	70,830,639
8/13/2021		1,213,564	589,695	0	418,862	1,969,384	58,919	70,889,558
8/16/2021		1,235,995	591,378	0	426,926	2,004,926	67,720	70,957,278
8/17/2021		1,242,694	594,289	0	429,351	2,015,334	22,443	70,979,721
8/18/2021		1,250,887	597,842	0	432,312	2,027,825	27,198	71,006,919
8/19/2021		1,257,989	600,923	0	434,880	2,038,543	23,469	71,030,388
8/20/2021		1,265,838	604,326	0	437,712	2,050,222	25,763	71,056,151
8/23/2021		1,286,264	613,185	0	443,921	2,079,724	64,996	71,121,147
8/24/2021		1,286,264	613,185	0	443,921	2,079,724	0	71,121,147
8/25/2021		1,286,574	613,298	0	444,028	2,080,143	949	71,122,096
8/26/2021		1,294,416	616,316	0	446,719	2,091,894	25,302	71,147,398
8/27/2021		1,302,765	619,565	0	449,512	2,104,051	26,548	71,173,946
8/30/2021		1,326,891	629,323	0	457,694	2,139,811	77,826	71,251,772
8/31/2021		1,334,995	632,646	0	460,475	2,152,168	26,565	71,278,337

Table 1
Extraction Well Pumped Water Volumes (gallons)
Third Site Superfund Site
Zionsville, Indiana

Date[1]	Mode	EW-1	EW-2	EW-3	EW-4	EW-5	Period Total	Total Pumped[2]
9/1/2021	Continuous pumping	1,342,775	635,810	0	463,110	2,164,079	25,490	71,303,827
9/2/2021		1,350,795	639,073	0	465,829	2,176,383	26,306	71,330,133
9/3/2021		1,358,493	642,193	0	468,421	2,188,864	25,891	71,356,024
9/7/2021		1,390,164	655,127	0	479,206	2,236,910	103,436	71,459,460
9/8/2021		1,398,239	658,458	0	481,984	2,249,393	26,667	71,486,127
9/9/2021		1,405,310	661,391	0	484,419	2,260,374	23,420	71,509,547
9/10/2021		1,413,469	664,753	0	486,770	2,272,985	26,483	71,536,030
9/13/2021		1,416,716	666,073	0	487,678	2,278,050	10,540	71,546,570
9/14/2021		1,416,875	666,134	0	487,726	2,278,289	507	71,547,077
9/15/2021		1,420,518	667,410	0	488,785	2,283,399	11,088	71,558,165
9/16/2021		1,427,919	670,192	0	491,106	2,294,538	23,643	71,581,808
9/17/2021		1,436,940	673,436	0	493,817	2,307,553	27,991	71,609,799
9/20/2021		1,460,768	682,342	0	501,643	2,345,124	78,131	71,687,930
9/21/2021		1,469,276	685,424	0	504,342	2,358,236	27,401	71,715,331
9/22/2021		1,478,291	688,691	0	507,201	2,371,602	28,507	71,743,838
9/23/2021		1,487,289	691,811	0	509,726	2,384,091	27,132	71,770,970
9/24/2021		1,495,553	695,070	0	512,450	2,397,167	27,323	71,798,293
9/27/2021		1,519,322	704,380	0	519,576	2,436,098	79,136	71,877,429
9/28/2021		1,527,145	707,116	0	521,796	2,449,081	25,762	71,903,191
9/29/2021		1,535,400	709,649	0	524,124	2,462,294	26,329	71,929,520
9/30/2021		1,543,395	711,848	0	526,278	2,475,202	25,256	71,954,776
10/1/2021		1,551,295	713,997	0	528,410	2,487,991	24,970	71,979,746
10/4/2021		1,574,790	720,376	0	534,778	2,526,199	74,450	72,054,196
10/5/2021		1,582,195	722,388	0	536,788	2,538,262	23,490	72,077,686
10/6/2021		1,591,015	724,766	0	539,165	2,552,524	27,837	72,105,523
10/7/2021		1,599,129	726,773	0	541,171	2,564,562	24,165	72,129,688
10/8/2021		1,608,574	729,118	0	543,515	2,578,624	28,196	72,157,884
10/11/2021		1,633,512	735,454	0	549,847	2,616,625	75,607	72,233,491
10/12/2021		1,642,056	737,675	0	552,066	2,629,939	26,298	72,259,789
10/13/2021		1,650,043	739,782	0	554,174	2,642,584	24,847	72,284,636
10/15/2021		1,668,751	744,515	0	559,171	2,668,912	54,766	72,339,402
10/18/2021		1,700,892	754,031	0	567,316	2,707,160	88,050	72,427,452
10/19/2021		1,709,712	757,270	0	569,481	2,720,152	27,216	72,454,668
10/20/2021		1,718,016	760,447	0	571,606	2,732,904	26,358	72,481,026
10/21/2021		1,726,177	763,649	0	573,756	2,745,802	26,411	72,507,437
10/22/2021		1,734,369	766,947	0	575,960	2,758,998	26,890	72,534,327
10/23/2021		1,763,271	776,680	0	582,461	2,787,004	73,142	72,607,469
10/26/2021		1,776,076	779,754	0	584,505	2,795,180	26,099	72,633,568
10/27/2021		1,786,479	783,034	0	586,692	2,803,962	24,652	72,658,220
10/28/2021		1,795,691	786,333	0	588,891	2,812,724	23,472	72,681,692
10/29/2021		1,804,526	789,490	0	590,996	2,821,144	22,517	72,704,209
11/1/2021		1,831,057	799,108	0	597,408	2,846,790	68,207	72,772,416
11/2/2021		1,840,966	802,321	0	599,550	2,855,359	23,833	72,796,249
11/3/2021		1,849,204	805,640	0	601,762	2,864,210	22,620	72,818,869
11/4/2021		1,856,953	808,859	0	603,909	2,872,795	21,700	72,840,569
11/5/2021		1,864,974	812,265	0	606,179	2,881,878	22,780	72,863,349
11/8/2021		1,886,926	821,935	0	612,627	2,907,669	63,861	72,927,210
11/9/2021		1,893,326	824,832	0	614,560	2,915,405	18,966	72,946,176
11/10/2021		1,900,956	828,314	0	616,886	2,924,707	22,740	72,968,916
11/11/2021		1,907,921	831,525	0	619,035	2,933,303	20,921	72,989,837
11/12/2021		1,914,823	834,716	0	621,177	2,941,870	20,802	73,010,639
11/15/2021		1,935,205	844,051	0	627,596	2,967,548	61,814	73,072,453
11/17/2021		1,946,343	848,648	0	631,154	2,981,788	33,533	73,105,986
11/19/2021		1,962,148	853,551	0	635,945	3,001,047	44,758	73,150,744
11/22/2021		1,967,251	854,964	0	636,960	3,006,667	13,151	73,163,895
11/23/2021		1,974,746	855,861	0	637,865	3,006,667	9,297	73,173,192
11/24/2021		1,982,164	860,089	0	638,032	3,009,205	14,351	73,187,543
11/26/2021		1,997,979	867,854	0	646,860	3,044,508	67,711	73,255,254
11/29/2021		2,019,306	877,919	0	659,226	3,081,826	81,076	73,336,330
11/30/2021		2,021,052	881,342	0	663,328	3,094,147	21,592	73,357,922
12/1/2021		2,029,470	884,984	0	667,729	3,107,349	29,663	73,387,585
12/2/2021		2,029,470	888,590	0	672,082	3,120,406	21,016	73,408,601
12/3/2021		2,038,912	892,141	0	676,413	3,133,404	30,322	73,438,923
12/6/2021		2,055,066	899,715	0	685,124	3,159,961	58,996	73,497,919
12/8/2021		2,071,276	907,965	0	693,338	3,184,742	57,455	73,555,374
12/10/2021		2,073,621	916,560	0	702,095	3,188,758	23,713	73,579,087
12/13/2021		2,095,489	927,094	0	712,528	3,218,027	72,104	73,651,191
12/15/2021		2,097,345	927,940	0	713,171	3,220,253	5,571	73,656,762
12/17/2021		2,116,190	937,289	0	720,214	3,245,111	60,095	73,716,857
12/20/2021		2,147,196	952,028	0	734,162	3,283,474	98,056	73,814,913
12/22/2021		2,165,844	962,082	0	742,176	3,309,974	63,216	73,878,129
12/24/2021		2,182,945	971,705	0	749,087	3,336,787	60,448	73,938,577
12/27/2021		2,212,386	985,512	0	761,355	3,372,694	91,423	74,030,000
12/29/2021		2,231,860	995,838	0	771,317	3,395,548	62,616	74,092,616
12/30/2021		2,253,617	1,005,996	0	782,186	3,421,628	68,864	74,161,480

Table 1
Extraction Well Pumped Water Volumes (gallons)
Third Site Superfund Site
Zionsville, Indiana

Date[1]	Mode	EW-1	EW-2	EW-3	EW-4	EW-5	Period Total	Total Pumped[2]
1/3/2022	Continuous pumping	2,256,069	1,021,928	0	795,633	3,460,475	70,678	74,232,158
1/5/2022		2,272,885	1,031,924	0	803,970	3,485,485	60,159	74,292,317
1/7/2022		2,290,580	1,041,652	0	812,819	3,513,018	63,805	74,356,122
1/10/2022		2,315,944	1,055,497	0	825,500	3,563,745	102,617	74,458,739
1/12/2022		2,332,764	1,066,188	0	834,123	3,598,043	70,432	74,529,171
1/14/2022		2,332,764	1,076,945	0	842,902	3,624,400	45,893	74,575,064
1/17/2022		2,357,236	1,092,441	0	854,525	3,661,086	88,277	74,663,341
1/19/2022		2,373,500	1,101,790	0	862,626	3,685,505	58,133	74,721,474
1/21/2022		2,389,199	1,111,866	0	871,114	3,709,065	57,823	74,779,297
1/24/2022		2,414,256	1,124,394	0	883,541	3,734,120	75,067	74,854,364
1/27/2022		2,414,256	1,124,394	0	883,541	3,734,120	0	74,854,364
2/17/2022		2,416,475	1,125,140	0	884,401	3,736,598	6,303	74,860,667
2/21/2022		2,461,779	1,142,053	0	902,222	3,787,327	130,767	74,991,434
2/23/2022		2,482,848	1,150,076	0	910,113	3,811,393	61,049	75,052,483
2/25/2022		2,507,565	1,158,733	0	918,476	3,829,778	60,122	75,112,605
2/28/2022		2,533,524	1,171,683	0	931,238	3,829,778	51,671	75,164,276
3/3/2022		2,559,522	1,184,717	0	941,464	3,829,778	49,258	75,213,534
3/4/2022		2,567,063	1,188,489	0	944,516	3,829,788	14,375	75,227,909
3/9/2022		2,567,497	1,188,634	0	944,614	3,829,892	781	75,228,690
3/10/2022		2,576,852	1,192,754	0	947,693	3,829,909	16,571	75,245,261
3/11/2022		2,585,578	1,194,870	0	950,431	3,829,909	13,580	75,258,841
3/14/2022		2,609,915	1,199,978	0	958,194	3,829,909	37,208	75,296,049
3/16/2022		2,624,625	1,199,978	0	963,653	3,829,909	20,169	75,316,218
3/18/2022		2,638,134	1,199,978	0	968,387	3,829,909	18,243	75,334,461
3/21/2022		2,661,078	1,199,978	0	977,272	3,829,909	31,829	75,366,290
3/23/2022		2,675,512	1,199,978	0	984,129	3,829,909	21,291	75,387,581
3/24/2022		2,686,051	1,199,978	0	989,324	3,829,909	15,734	75,403,315
3/29/2022		2,729,172	1,199,979	0	1,008,288	3,829,909	62,086	75,465,401
3/30/2022		2,736,306	1,200,079	0	1,011,376	3,829,909	10,322	75,475,723

Notes:
1. Refer to past Monthly Progress Report for flow data from 2013 through December 21, 2018.
2. Total volume pumped since 2013.
3. Flow totalizers reset on December 21, 2018.
4. P&T system down between April 10 and June 7, 2021. Volume recorded on 6/4/21 from manual operation.

ATTACHMENT B

Remedial Progress Monitoring Data

SOURCE: AERIAL IMAGERY: GOOGLE EARTH™, IMAGE DATED 10/22/2016.

N

LEGEND

- MONITORING WELL
- PREVIOUS DIRECT PUSH SAMPLE LOCATION
- EXTRACTION WELL LOCATION
- SURFACE WATER AND SEDIMENT SAMPLE LOCATION
- PIEZOMETER LOCATION
- RESIDENTIAL WELL
- SOIL BORING
- PARCEL BOUNDARY
- 06-08-XX-XXX STATE PARCEL NUMBERS
- FENCE LINE
- DNAPL CONTAINMENT AREA

0 180
SCALE IN FEET

SAMPLE LOCATION MAP
THIRD SITE
985 SOUTH U.S. HIGHWAY 421
ZIONSVILLE, INDIANA

RAMBOLL

FIGURE
1

DRAFTED BY: CKL | DATE: 11/5/2020 | 1690004786

L:\Loop Project Files_CAD\1690004786_Third Site_General Consulting_PHII\01_Sample Location Map_2020-1105.dwg

TABLE 2A
Groundwater Monitoring Analytical Results Summary (ug/L)
Plume 1 Monitoring Wells with Pump and Treat Shut Down Criteria
Third Site Superfund Site, Zionsville, Indiana

LOCATION	Groundwater Action Levels (GAL)[2]	PLUME 1																	
		MW-20 (Page 1 of 2)																	
COLLECTION DATE		11/30/99	10/18/02	8/30/12	5/21/14	8/27/14	12/17/14	3/4/15	6/10/15	9/21/15	12/9/15	3/16/16	6/8/16	9/13/16	12/7/16	3/22/17	6/14/17	10/11/17	12/13/17
COMMENT																			
1,1-Dichloroethane	990	390	270	230	484 J	118	174	436	327	127	95.8	54	50.6	40.3	32.6	27.4	23.1	19.7	17.8
1,1-Dichloroethene	7	1 J	<25	<13	<5.0	<5.0	<5.0	<5.0	1.2	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene	70	1,500	810 J	360	1,310 J	128	463	1,260	968	268	194	96.4	97.5	98.2	95.0	89.7	83.6	102	80.6
trans-1,2-Dichlorothene	100	26.0	14.0	2.2 J	42.7	<5.0	8.8	44.8	38.3	8.0	<5.0	<1.0	<1.0	1.1	<1.0	<1.0	<1.0	1.1	<1.0
Tetrachloroethene	5	<10	<25	<13	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,1-Trichloroethane	200	2 J	5 J	<13	20.2	<5.0	6.2	14.8	16.3 J	3.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	5	<10	<25	<13	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Trichloroethene	5	3 J	<18	<13	18.3	<5.0	<5.0	11.5	9.9	1.7	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Vinyl Chloride	2	340	400	580	428 J	400	238	348	258	137	244	111	171	116	97.7	98.0	49.4	77.7	74.6
Other VOCs	n/a	66.0	n/a	67.0	41.0	74.5	30.6	39.5	25.8	16.7	85.2	30.2	72.6	59.5	36.2	27.7	10.0	36.9	8.0
Total VOCs	n/a	2,328	1,499 [5]	1,237	2,344	721	921	2,155	1,645	561	619	292	392	315	262	243	166	237	181
P&T Shut Down Criteria[6]	n/a	232.8	232.8	232.8	232.8	232.8	232.8	232.8	232.8	232.8	232.8	232.8	232.8	232.8	232.8	232.8	232.8	232.8	232.8

Notes:
1. Bolded values in table are above respective Groundwater Action Levels or P&T shut down criteria.
2. Groundwater Action Levels (GAL) to be achieved after completion of monitored natural attenuation from Enforcement Action Memorandum dated May 11, 2001; Equivalent to MCL/IDEM Tier I Default Criteria of Table 2-7-C of the October 2000 EE/CA and Table 4 of the Design Report.
3. J = Estimated concentration.
4. n/a = Not applicable
5. Samples collected in October 2002 were analyzed for the nine target COC only and not the full 8260 VOC list.
6. P&T Shut Down Criteria from Table 4 of the March 2004 Design Report. Values represent 10% of total VOC concentrations presented in Table 2-5 of the October 2000 EE/CA. For MW-27, MW-28, and MW-29, values provided represent 10% of total VOC concentrations from the 2012 sampling event (the most recent pre-pumping event). Please note that the GALs are the ultimate cleanup criteria after 10 years monitored natural attenuation as indicated in Note 2. As such, per Table 4 of the Design Report, P&T shutdown criteria are met when the wells in the plume either meet the GAL or show a 90% reduction in total VOC, including the reinstalled replacement well MW-25R.

TABLE 2A
Groundwater Monitoring Analytical Results Summary (ug/L)
Plume 1 Monitoring Wells with Pump and Treat Shut Down Criteria
Third Site Superfund Site, Zionsville, Indiana

LOCATION	Groundwater Action Levels (GAL)[2]	PLUME 1																	
		MW-20 (Page 2 of 2)																	
COLLECTION DATE		3/20/18	6/13/18	9/11/18	12/12/18	3/12/19	6/13/19	9/27/19	12/13/19	3/12/20	6/10/20	9/10/20	12/8/20	3/10/21	6/9/21	9/8/21	12/15/21	3/10/22	3/10/22
COMMENT																			Duplicate
1,1-Dichloroethane	990	12.5	15.0	19.6	10.4	13.1	8.9	9.4	14.6	56.6	8.7	6.6	8.0	18.4	12.3	5.9	8.8	21.4	20.8
1,1-Dichloroethene	7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene	70	51.9	72.3	83.6	61.1	65.5	48.8	59.6	88.4	237	39.8	55.8	50.4	71.1	66.3	41.7	53.6	74.3	73.6
trans-1,2-Dichlorothene	100	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	5.9	<5.0	<1.0	<1.0	1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Tetrachloroethene	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,1-Trichloroethane	200	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Trichloroethene	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	7.6	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Vinyl Chloride	2	48.4	63.6	102	44.8	62.1	50.4	80.9	137	189	91.1	225	205	163	165	199	231	166	160
Other VOCs	n/a	0.0	10.9	21.5	0.0	9.5	3.2	0.0	10.6	77.1	0.0	0.0	0.0	0.0	2.1	0.0	0.0	4.8	0.0
Total VOCs	n/a	113	162	227	116	150	111	150	251	573	140	287	263	254	246	247	293	267	254
P&T Shut Down Criteria[6]	n/a	232.8	232.8	232.8	232.8	232.8	232.8	232.8	232.8	232.8	232.8	232.8	232.8	232.8	232.8	232.8	232.8	232.8	232.8

Notes:
1. Bolded values in table are above respective Groundwater Action Levels or P&T shut down criteria.
2. Groundwater Action Levels (GAL) to be achieved after completion of monitored natural attenuation from Enforcement Action Memorandum dated May 11, 2001; Equivalent to MCL/IDEM Tier I Default Criteria of Table 2-7-C of the October 2000 EE/CA and Table 4 of the Design Report.
3. J = Estimated concentration.
4. n/a = Not applicable
5. Samples collected in October 2002 were analyzed for the nine target COC only and not the full 8260 VOC list.
6. P&T Shut Down Criteria from Table 4 of the March 2004 Design Report. Values represent 10% of total VOC concentrations presented in Table 2-5 of the October 2000 EE/CA. For MW-27, MW-28, and MW-29, values provided represent 10% of total VOC concentrations from the 2012 sampling event (the most recent pre-pumping event). Please note that the GALs are the ultimate cleanup criteria after 10 years monitored natural attenuation as indicated in Note 2. As such, per Table 4 of the Design Report, P&T shutdown criteria are met when the wells in the plume either meet the GAL or show a 90% reduction in total VOC, including the reinstalled replacement well MW-25R.

TABLE 2A
Groundwater Monitoring Analytical Results Summary (ug/L)
Plume 1 Monitoring Wells with Pump and Treat Shut Down Criteria
Third Site Superfund Site, Zionsville, Indiana

LOCATION	Groundwater Action Levels (GAL)[2]	PLUME 1																	
		MW-22 (Page 1 of 2)																	
COLLECTION DATE		12/1/99	10/18/02	8/30/12	5/20/14	8/26/14	12/16/14	3/4/15	6/10/15	9/21/15	12/8/15	3/15/16	6/8/16	9/12/16	12/6/16	3/21/17	6/14/17	10/10/17	12/13/17
COMMENT																			
1,1-Dichloroethane	990	670 J	750	670	125	74.9	45.6	17.6	14.6	4.0	<5.0	5.6	<1.0	<2.0	2.3	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethene	7	10 J	<5	<40	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<5.0	<2.0	<2.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene	70	4,700 J	5,300 J	7,100 J	1,550	954	744	493	302	646	957	227	493	450	362	304	364	269	325
trans-1,2-Dichlorothene	100	28.0	72.0	140	45.8	34.6	27.9	15.9	11.4	25.5	26.8	9.1	15.2	22.1	14.4	10	12	9.3	9.1
Tetrachloroethene	5	<10	<5	<40	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<5.0	<2.0	<2.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,1-Trichloroethane	200	<10	<5	<40	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<5.0	<2.0	<2.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	5	<10	<5	<40	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<5.0	<2.0	<2.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0
Trichloroethene	5	<10	<5	<40	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<5.0	<2.0	<2.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0
Vinyl Chloride	2	860 J	240 J	130	12.9	11.1	5.3	4.9	5.1	6.4	12.5	<2.0	8.4	8.7	8.5	7.5	10.1	7.9	16.4
Other VOCs	n/a	37.0	n/a	119	29.3	39.0	30.6	32.3	17.8	32.0	47.1	7.6	28.8	15.3	26.9	17.5	0.0	0.0	0.0
Total VOCs	n/a	6,305	6362[5]	8,159	1,763	1,114	853	564	351	714	1,043	249	545	496	414	339	386	286	351
P&T Shut Down Criteria[6]	n/a	630.5	630.5	630.5	630.5	630.5	630.5	630.5	630.5	630.5	630.5	630.5	630.5	630.5	630.5	630.5	630.5	630.5	630.5

Notes:
1. Bolded values in table are above respective Groundwater Action Levels or P&T shut down criteria.
2. Groundwater Action Levels (GAL) to be achieved after completion of monitored natural attenuation from Enforcement Action Memorandum dated May 11, 2001; Equivalent to MCL/IDEM Tier I Default Criteria of Table 2-7-C of the October 2000 EE/CA and Table 4 of the Design Report.
3. J = Estimated concentration.
4. n/a = Not applicable
5. Samples collected in October 2002 were analyzed for the nine target COC only and not the full 8260 VOC list.
6. P&T Shut Down Criteria from Table 4 of the March 2004 Design Report. Values represent 10% of total VOC concentrations presented in Table 2-5 of the October 2000 EE/CA. For MW-27, MW-28, and MW-29, values provided represent 10% of total VOC concentrations from the 2012 sampling event (the most recent pre-pumping event). Please note that the GALs are the ultimate cleanup criteria after 10 years monitored natural attenuation as indicated in Note 2. As such, per Table 4 of the Design Report, P&T shutdown criteria are met when the wells in the plume either meet the GAL or show a 90% reduction in total VOC, including the reinstalled replacement well MW-25R.

TABLE 2A
Groundwater Monitoring Analytical Results Summary (ug/L)
Plume 1 Monitoring Wells with Pump and Treat Shut Down Criteria
Third Site Superfund Site, Zionsville, Indiana

LOCATION	Groundwater Action Levels (GAL)[2]	PLUME 1																
		MW-22 (Page 2 of 2)																
COLLECTION DATE		3/21/18	6/13/18	9/11/18	12/11/18	3/12/19	6/13/19	9/26/19	12/12/19	3/11/20	6/9/20	9/9/20	12/8/20	3/9/21	6/9/21	9/8/21	12/14/21	3/10/22
COMMENT																		
1,1-Dichloroethane	990	<1.0	<1.0	<1.0	<1.0	1.1	<1.0	<1.0	<1.0	1.3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethene	7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene	70	257	246	205	279	288	222	182	189	182	115	109	128	106	115	76.6	114.0	87.0
trans-1,2-Dichlorothene	100	5.6	5.8	4.3	4.4	5.1	3.5	3.5	2.8	3.1	1.6	1.5	1.3	<1.0	<1.0	<1.0	<1.0	<1.0
Tetrachloroethene	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,1-Trichloroethane	200	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Trichloroethene	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Vinyl Chloride	2	8.6	4.4	6.8	8.0	9.3	4.9	4.9	7.2	12.3	2.9	4.7	8.8	4.3	7.4	3.5	5.3	4.8
Other VOCs	n/a	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total VOCs	n/a	276	256	216	291	304	230	190	199	199	120	115	138	110	122	80.1	119.3	91.8
P&T Shut Down Criteria[6]	n/a	630.5	630.5	630.5	630.5	630.5	630.5	630.5	630.5	630.5	630.5	630.5	630.5	630.5	630.5	630.5	630.5	630.5

Notes:
1. Bolded values in table are above respective Groundwater Action Levels or P&T shut down criteria.
2. Groundwater Action Levels (GAL) to be achieved after completion of monitored natural attenuation from Enforcement Action Memorandum dated May 11, 2001; Equivalent to MCL/IDEM Tier I Default Criteria of Table 2-7-C of the October 2000 EE/CA and Table 4 of the Design Report.
3. J = Estimated concentration.
4. n/a = Not applicable
5. Samples collected in October 2002 were analyzed for the nine target COC only and not the full 8260 VOC list.
6. P&T Shut Down Criteria from Table 4 of the March 2004 Design Report. Values represent 10% of total VOC concentrations presented in Table 2-5 of the October 2000 EE/CA. For MW-27, MW-28, and MW-29, values provided represent 10% of total VOC concentrations from the 2012 sampling event (the most recent pre-pumping event). Please note that the GALs are the ultimate cleanup criteria after 10 years monitored natural attenuation as indicated in Note 2. As such, per Table 4 of the Design Report, P&T shutdown criteria are met when the wells in the plume either meet the GAL or show a 90% reduction in total VOC, including the reinstalled replacement well MW-25R.

TABLE 2A
Groundwater Monitoring Analytical Results Summary (ug/L)
Plume 1 Monitoring Wells with Pump and Treat Shut Down Criteria
Third Site Superfund Site, Zionsville, Indiana

LOCATION	Groundwater Action Levels (GAL)[2]	PLUME 1																
		MW-23 (Page 1 of 2)																
COLLECTION DATE		11/30/99	11/16/12	5/21/14	8/26/14	12/16/14	3/4/15	6/10/15	9/21/15	12/9/15	3/15/16	6/8/16	9/12/16	12/6/16	3/22/17	6/14/17	10/10/17	12/13/17
COMMENT																		
1,1-Dichloroethane	990	11.0	6.2	10.3	15.8	9.6	7.4	8.6	5.3	<5.0	1.1	<1.0	1.6	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethene	7	<10	0.23 J	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene	70	5 J	690	757 J	400	171	138	111	64.3	26.4	9.4	10.1	6.7	3.5	<1.0	2.3	1.8	1.1
trans-1,2-Dichlorothene	100	<10	1.5	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Tetrachloroethene	5	<10	<0.5	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,1-Trichloroethane	200	<10	<0.5	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	5	<10	<0.5	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Trichloroethene	5	<10	<0.5	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Vinyl Chloride	2	35.0	1,100	645 J	424	43.9	26.4	79.4	13.0	9.4	1.5	4.7	4.1	2.3	<1.0	1.6	<1.0	<1.0
Other VOCs	n/a	12.0	1,200.6	394	91.1	10.9	6.1	22.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total VOCs	n/a	63.0	2,999	1,806	931	235	178	221	82.6	35.8	12.0	14.8	12.4	5.8	0.0	3.9	1.8	1.1
P&T Shut Down Criteria[6]	n/a	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3

Notes:
1. Bolded values in table are above respective Groundwater Action Levels or P&T shut down criteria.
2. Groundwater Action Levels (GAL) to be achieved after completion of monitored natural attenuation from Enforcement Action Memorandum dated May 11, 2001; Equivalent to MCL/IDEM Tier I Default Criteria of Table 2-7-C of the October 2000 EE/CA and Table 4 of the Design Report.
3. J = Estimated concentration.
4. n/a = Not applicable
5. Samples collected in October 2002 were analyzed for the nine target COC only and not the full 8260 VOC list.
6. P&T Shut Down Criteria from Table 4 of the March 2004 Design Report. Values represent 10% of total VOC concentrations presented in Table 2-5 of the October 2000 EE/CA. For MW-27, MW-28, and MW-29, values provided represent 10% of total VOC concentrations from the 2012 sampling event (the most recent pre-pumping event). Please note that the GALs are the ultimate cleanup criteria after 10 years monitored natural attenuation as indicated in Note 2. As such, per Table 4 of the Design Report, P&T shutdown criteria are met when the wells in the plume either meet the GAL or show a 90% reduction in total VOC, including the reinstalled replacement well MW-25R.

TABLE 2A
Groundwater Monitoring Analytical Results Summary (ug/L)
Plume 1 Monitoring Wells with Pump and Treat Shut Down Criteria
Third Site Superfund Site, Zionsville, Indiana

LOCATION	Groundwater Action Levels (GAL)[2]	PLUME 1																
		MW-23 (Page 2 of 2)																
COLLECTION DATE		3/20/18	6/13/18	9/11/18	12/12/18	3/12/19	6/13/19	9/27/19	12/12/19	3/12/20	6/10/20	9/10/20	12/8/20	3/10/21	6/9/21	9/9/21	12/14/21	3/10/22
COMMENT																		
1,1-Dichloroethane	990	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethene	7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene	70	<1.0	1.4	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.2
trans-1,2-Dichlorothene	100	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Tetrachloroethene	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,1-Trichloroethane	200	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Trichloroethene	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Vinyl Chloride	2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Other VOCs	n/a	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total VOCs	n/a	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2
P&T Shut Down Criteria[6]	n/a	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3

Notes:
1. Bolded values in table are above respective Groundwater Action Levels or P&T shut down criteria.
2. Groundwater Action Levels (GAL) to be achieved after completion of monitored natural attenuation from Enforcement Action Memorandum dated May 11, 2001; Equivalent to MCL/IDEM Tier I Default Criteria of Table 2-7-C of the October 2000 EE/CA and Table 4 of the Design Report.
3. J = Estimated concentration.
4. n/a = Not applicable
5. Samples collected in October 2002 were analyzed for the nine target COC only and not the full 8260 VOC list.
6. P&T Shut Down Criteria from Table 4 of the March 2004 Design Report. Values represent 10% of total VOC concentrations presented in Table 2-5 of the October 2000 EE/CA. For MW-27, MW-28, and MW-29, values provided represent 10% of total VOC concentrations from the 2012 sampling event (the most recent pre-pumping event). Please note that the GALs are the ultimate cleanup criteria after 10 years monitored natural attenuation as indicated in Note 2. As such, per Table 4 of the Design Report, P&T shutdown criteria are met when the wells in the plume either meet the GAL or show a 90% reduction in total VOC, including the reinstalled replacement well MW-25R.

TABLE 2A
Groundwater Monitoring Analytical Results Summary (ug/L)
Plume 1 Monitoring Wells with Pump and Treat Shut Down Criteria
Third Site Superfund Site, Zionsville, Indiana

LOCATION	Groundwater Action Levels (GAL)[2]	PLUME 1																		
		MW-24 (Page 1 of 2)																		
COLLECTION DATE		11/30/99	10/17/02	11/16/12	5/21/14	8/26/14	12/17/14	3/5/15	6/10/15	9/22/15	12/10/15	3/16/16	3/16/16	6/9/16	9/12/16	12/7/16	3/22/17	6/14/17	10/11/17	12/12/17
COMMENT													Duplicate							
1,1-Dichloroethane	990	160	180	36.0	10.8	<5.0	<5.0	1.6	3.0	<1.0	<5.0	<1.0	<1.0	<1.0	1.5	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethene	7	2 J	3 J	0.33 J	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene	70	1,100	620 J	68.0	14.6	<5.0	<5.0	4.6	2.1	2.4	<5.0	1.5	1.4	<1.0	1.5	<1.0	<1.0	1.5	1.3	<1.0
trans-1,2-Dichlorothene	100	24.0	16.0	0.96	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Tetrachloroethene	5	<10	<5	<0.5	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,1-Trichloroethane	200	110	89.0	30.0	11.9	<5.0	<5.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	5	<10	<5	<0.5	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Trichloroethene	5	1 JB	4 J	0.33 J	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Vinyl Chloride	2	150	170	93.0	<2.0	<2.0	<2.0	<1.0	1.1	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Other VOCs	n/a	102	n/a	87.9	52.4	59.5	18.5	12.0	52.6	23.6	47.0	17.8	17.7	34.5	51.2	43.5	38.3	52.8	11.8	45.6
Total VOCs	n/a	1,649	1082 [5]	317	89.7	59.5	18.5	18.2	58.8	26.0	47.0	19.3	19.1	34.5	54.2	43.5	38.3	54.3	13.1	45.6
P&T Shut Down Criteria[6]	n/a	164.9	164.9	164.9	164.9	164.9	164.9	164.9	164.9	164.9	164.9	164.9	164.9	164.9	164.9	164.9	164.9	164.9	164.9	164.9

Notes:
1. Bolded values in table are above respective Groundwater Action Levels or P&T shut down criteria.
2. Groundwater Action Levels (GAL) to be achieved after completion of monitored natural attenuation from Enforcement Action Memorandum dated May 11, 2001; Equivalent to MCL/IDEM Tier I Default Criteria of Table 2-7-C of the October 2000 EE/CA and Table 4 of the Design Report.
3. J = Estimated concentration.
4. n/a = Not applicable
5. Samples collected in October 2002 were analyzed for the nine target COC only and not the full 8260 VOC list.
6. P&T Shut Down Criteria from Table 4 of the March 2004 Design Report. Values represent 10% of total VOC concentrations presented in Table 2-5 of the October 2000 EE/CA. For MW-27, MW-28, and MW-29, values provided represent 10% of total VOC concentrations from the 2012 sampling event (the most recent pre-pumping event). Please note that the GALs are the ultimate cleanup criteria after 10 years monitored natural attenuation as indicated in Note 2. As such, per Table 4 of the Design Report, P&T shutdown criteria are met when the wells in the plume either meet the GAL or show a 90% reduction in total VOC, including the reinstalled replacement well MW-25R.

TABLE 2A
Groundwater Monitoring Analytical Results Summary (ug/L)
Plume 1 Monitoring Wells with Pump and Treat Shut Down Criteria
Third Site Superfund Site, Zionsville, Indiana

LOCATION	Groundwater Action Levels (GAL)[2]	PLUME 1																
		MW-24 (Page 2 of 2)																
COLLECTION DATE		3/20/18	6/13/18	9/11/18	12/12/18	3/12/19	6/13/19	9/27/19	12/13/19	3/12/20	6/10/20	9/10/20	12/9/20	3/10/21	6/9/21	9/9/21	12/14/21	3/10/22
COMMENT																		
1,1-Dichloroethane	990	<1.0	1.3	<1.0	<1.0	2.6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethene	7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene	70	<1.0	4.5	13.5	8.3	2.9	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
trans-1,2-Dichlorothene	100	<1.0	<1.0	<1.0	<1.0	4.7	1.8	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Tetrachloroethene	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,1-Trichloroethane	200	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Trichloroethene	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Vinyl Chloride	2	<1.0	<1.0	18.3	3.0	2.6	<1.0	<1.0	<1.0	1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Other VOCs	n/a	38.1	74.1	72.2	104	498	487	344	250	206	205	280	195	155	177	231	150	148
Total VOCs	n/a	38.1	79.9	104	115	511	489	344	250	207	205	280	195	155	177	231	150	148
P&T Shut Down Criteria[6]	n/a	164.9	164.9	164.9	164.9	164.9	164.9	164.9	164.9	164.9	164.9	164.9	164.9	164.9	164.9	164.9	164.9	164.9

Notes:
1. Bolded values in table are above respective Groundwater Action Levels or P&T shut down criteria.
2. Groundwater Action Levels (GAL) to be achieved after completion of monitored natural attenuation from Enforcement Action Memorandum dated May 11, 2001; Equivalent to MCL/IDEM Tier I Default Criteria of Table 2-7-C of the October 2000 EE/CA and Table 4 of the Design Report.
3. J = Estimated concentration.
4. n/a = Not applicable
5. Samples collected in October 2002 were analyzed for the nine target COC only and not the full 8260 VOC list.
6. P&T Shut Down Criteria from Table 4 of the March 2004 Design Report. Values represent 10% of total VOC concentrations presented in Table 2-5 of the October 2000 EE/CA. For MW-27, MW-28, and MW-29, values provided represent 10% of total VOC concentrations from the 2012 sampling event (the most recent pre-pumping event). Please note that the GALs are the ultimate cleanup criteria after 10 years monitored natural attenuation as indicated in Note 2. As such, per Table 4 of the Design Report, P&T shutdown criteria are met when the wells in the plume either meet the GAL or show a 90% reduction in total VOC, including the reinstalled replacement well MW-25R.

TABLE 2A
Groundwater Monitoring Analytical Results Summary (ug/L)
Plume 1 Monitoring Wells with Pump and Treat Shut Down Criteria
Third Site Superfund Site, Zionsville, Indiana

LOCATION	Groundwater Action Levels (GAL)[2]	PLUME 1																		
		MW-25		MW-25R (Page 1 of 3)																
COLLECTION DATE		11/30/99	10/17/02	11/16/12	11/16/12	5/20/14	8/26/14	12/17/14	3/5/15	6/9/15	9/22/15	9/22/15	12/9/15	12/9/15	3/16/16	6/9/16	9/12/16	12/7/16	3/22/17	6/14/17
COMMENT					Duplicate							Duplicate		Duplicate						
1,1-Dichloroethane	990	88.0	130	65.0	65.0	19.5	10.8	<5.0	2.4	5.9	1.6	1.8	13.1	10.6	1.1	1.6	1.4	1.2	<1.0	<1.0
1,1-Dichloroethene	7	<10	<5.0	0.26 J	0.22 J	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene	70	44.0	42 J	31.0	30.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
trans-1,2-Dichlorothene	100	2 J	6.0	1.2	1.2	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Tetrachloroethene	5	<10	<5.0	<0.5	<0.5	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,1-Trichloroethane	200	<10	2 J	20.0	20.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	5	<10	<5.0	<0.5	<0.5	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Trichloroethene	5	<10	1 J	1.4	1.4	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Vinyl Chloride	2	160	55.0	47.0	47.0	<2.0	<2.0	<2.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Other VOCs	n/a	160	n/a	77.6	77.7	120	107	84.8	66.8	68.4	62.2	70.3	70.7	65.8	71.4	70.8	71.3	66.7	69.3	80.1
Total VOCs	n/a	454	236 [5]	243	242	139	118	84.8	69.2	74.3	63.8	72.1	83.8	76.4	72.5	72.4	72.7	67.9	69.3	80.1
P&T Shut Down Criteria[6]	n/a	45.4	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2

Notes:
1. Bolded values in table are above respective Groundwater Action Levels or P&T shut down criteria.
2. Groundwater Action Levels (GAL) to be achieved after completion of monitored natural attenuation from Enforcement Action Memorandum dated May 11, 2001; Equivalent to MCL/IDEM Tier I Default Criteria of Table 2-7-C of the October 2000 EE/CA and Table 4 of the Design Report.
3. J = Estimated concentration.
4. n/a = Not applicable
5. Samples collected in October 2002 were analyzed for the nine target COC only and not the full 8260 VOC list.
6. P&T Shut Down Criteria from Table 4 of the March 2004 Design Report. Values represent 10% of total VOC concentrations presented in Table 2-5 of the October 2000 EE/CA. For MW-27, MW-28, and MW-29, values provided represent 10% of total VOC concentrations from the 2012 sampling event (the most recent pre-pumping event). Please note that the GALs are the ultimate cleanup criteria after 10 years monitored natural attenuation as indicated in Note 2. As such, per Table 4 of the Design Report, P&T shutdown criteria are met when the wells in the plume either meet the GAL or show a 90% reduction in total VOC, including the reinstalled replacement well MW-25R.

TABLE 2A
Groundwater Monitoring Analytical Results Summary (ug/L)
Plume 1 Monitoring Wells with Pump and Treat Shut Down Criteria
Third Site Superfund Site, Zionsville, Indiana

LOCATION	Groundwater Action Levels (GAL)[2]	PLUME 1															
		MW-25R (Page 2 of 3)															
COLLECTION DATE		10/11/17	12/12/17	3/20/18	6/13/18	6/13/18	9/11/18	12/12/18	12/12/18	3/12/19	3/12/19	6/13/19	6/13/19	9/27/19	9/27/19	12/13/19	12/13/19
COMMENT						Duplicate			Duplicate		Duplicate		Duplicate		Duplicate		Duplicate
1,1-Dichloroethane	990	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	120	121	39.3	39.7	31.7	33.1	19.6	19.0
1,1-Dichloroethene	7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene	70	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	111	111	53.8	50.6	43.0	42.1	42.8	40.6
trans-1,2-Dichlorothene	100	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	5.1	5.0	2.5	2.6	<1.0	2.4	1.1	1.1
Tetrachloroethene	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,1-Trichloroethane	200	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Trichloroethene	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.6	2.8	3.6	3.4	1.4	<1.0	<1.0	<1.0
Vinyl Chloride	2	<1.0	<1.0	<1.0	<1.0	<1.0	1.3	<1.0	<1.0	33.8	34.7	43.6	42.3	62.5	60.1	56.5	56.0
Other VOCs	n/a	62.6	53.6	98.8	109	104	68.9	108	105	126	126	66.8	65.2	71.0	70.2	61.6	61.4
Total VOCs	n/a	62.6	53.6	98.8	109	104	70.2	108	105	398	400	210	204	210	208	182	178
P&T Shut Down Criteria[6]	n/a	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2

Notes:
1. Bolded values in table are above respective Groundwater Action Levels or P&T shut down criteria.
2. Groundwater Action Levels (GAL) to be achieved after completion of monitored natural attenuation from Enforcement Action Memorandum dated May 11, 2001; Equivalent to MCL/IDEM Tier I Default Criteria of Table 2-7-C of the October 2000 EE/CA and Table 4 of the Design Report.
3. J = Estimated concentration.
4. n/a = Not applicable
5. Samples collected in October 2002 were analyzed for the nine target COC only and not the full 8260 VOC list.
6. P&T Shut Down Criteria from Table 4 of the March 2004 Design Report. Values represent 10% of total VOC concentrations presented in Table 2-5 of the October 2000 EE/CA. For MW-27, MW-28, and MW-29, values provided represent 10% of total VOC concentrations from the 2012 sampling event (the most recent pre-pumping event). Please note that the GALs are the ultimate cleanup criteria after 10 years monitored natural attenuation as indicated in Note 2. As such, per Table 4 of the Design Report, P&T shutdown criteria are met when the wells in the plume either meet the GAL or show a 90% reduction in total VOC, including the reinstalled replacement well MW-25R.

TABLE 2A
Groundwater Monitoring Analytical Results Summary (ug/L)
Plume 1 Monitoring Wells with Pump and Treat Shut Down Criteria
Third Site Superfund Site, Zionsville, Indiana

LOCATION	Groundwater Action Levels (GAL)[2]	PLUME 1															
		MW-25R (Page 3 of 3)															
COLLECTION DATE		3/12/20	3/12/20	6/10/20	6/10/20	9/10/20	9/10/20	12/9/20	12/9/20	3/10/21	6/9/21	6/9/21	9/9/21	9/9/21	12/15/21	12/15/21	3/9/22
COMMENT			Duplicate		Duplicate		Duplicate		Duplicate			Duplicate		Dupliicate		Dupliicate	
1,1-Dichloroethane	990	13.6	13.6	7.9	8.0	6.1	6.2	4.7	4.7	4.7	5.0	4.9	3.6	3.3	3.4	3.2	2.7
1,1-Dichloroethene	7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene	70	22.5	20.6	21.5	22.3	10.9	11.5	6.3	6.2	4.8	4.1	4.0	3.7	3.2	4.3	4.1	3.5
trans-1,2-Dichlorothene	100	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Tetrachloroethene	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,1-Trichloroethane	200	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Trichloroethene	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Vinyl Chloride	2	75.6 J	56.3 J	20.5	21.5	32.9	34.4	22.9	22.4	19.1	18.9	18.5	10.3	8.8	9.5	9.4	4.9
Other VOCs	n/a	53.5	51.5	42.2	43.0	52.2	54.3	46.8	45.7	33.3	45.1	45.2	47.1	33.0	48.4	48.6	40.8
Total VOCs	n/a	165	142	92.1	94.8	102	106	80.7	79.0	61.9	73.1	72.6	64.7	48.3	65.6	65.3	51.9
P&T Shut Down Criteria[6]	n/a	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2

Notes:
1. Bolded values in table are above respective Groundwater Action Levels or P&T shut down criteria.
2. Groundwater Action Levels (GAL) to be achieved after completion of monitored natural attenuation from Enforcement Action Memorandum dated May 11, 2001; Equivalent to MCL/IDEM Tier I Default Criteria of Table 2-7-C of the October 2000 EE/CA and Table 4 of the Design Report.
3. J = Estimated concentration.
4. n/a = Not applicable
5. Samples collected in October 2002 were analyzed for the nine target COC only and not the full 8260 VOC list.
6. P&T Shut Down Criteria from Table 4 of the March 2004 Design Report. Values represent 10% of total VOC concentrations presented in Table 2-5 of the October 2000 EE/CA. For MW-27, MW-28, and MW-29, values provided represent 10% of total VOC concentrations from the 2012 sampling event (the most recent pre-pumping event). Please note that the GALs are the ultimate cleanup criteria after 10 years monitored natural attenuation as indicated in Note 2. As such, per Table 4 of the Design Report, P&T shutdown criteria are met when the wells in the plume either meet the GAL or show a 90% reduction in total VOC, including the reinstalled replacement well MW-25R.

TABLE 2A
Groundwater Monitoring Analytical Results Summary (ug/L)
Plume 1 Monitoring Wells with Pump and Treat Shut Down Criteria
Third Site Superfund Site, Zionsville, Indiana

LOCATION	Groundwater Action Levels (GAL)[2]	PLUME 1																
		MW-28 (Page 1 of 2)																
COLLECTION DATE		10/18/02	8/28/12	5/20/14	8/25/14	12/16/14	3/6/15	6/9/15	9/22/15	12/8/15	3/14/16	6/9/16	9/14/16	12/7/16	3/20/17	6/14/17	10/10/17	12/12/17
COMMENT																		
1,1-Dichloroethane	990	<5.0	<0.5	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethene	7	<5.0	<0.5	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene	70	<5.0	<0.5	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
trans-1,2-Dichlorothene	100	<5.0	<0.5	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Tetrachloroethene	5	<5.0	<0.5	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,1-Trichloroethane	200	<5.0	<0.5	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	5	<5.0	<0.5	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Trichloroethene	5	<5.0	<0.5	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Vinyl Chloride	2	2 J	16.0	42.3	42.0	42.4	40.4	66.6	44.5	62.0	71.9	58.3	64.1	85.2	100	58.5	79.9	90.6
Other VOCs	n/a	n/a	15.9	0.0	6.4	0.0	3.2	3.4	2.3	5.6	3.1	0.0	2.6	4.0	0.0	3.1	3.6	3.8
Total VOCs	n/a	2 [5]	31.9	42.3	48.4	42.4	43.6	70.0	46.8	67.6	75.0	58.3	66.7	89.2	100	61.6	83.5	94.4
P&T Shut Down Criteria[6]	n/a	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2

Notes:
1. Bolded values in table are above respective Groundwater Action Levels or P&T shut down criteria.
2. Groundwater Action Levels (GAL) to be achieved after completion of monitored natural attenuation from Enforcement Action Memorandum dated May 11, 2001; Equivalent to MCL/IDEM Tier I Default Criteria of Table 2-7-C of the October 2000 EE/CA and Table 4 of the Design Report.
3. J = Estimated concentration.
4. n/a = Not applicable
5. Samples collected in October 2002 were analyzed for the nine target COC only and not the full 8260 VOC list.
6. P&T Shut Down Criteria from Table 4 of the March 2004 Design Report. Values represent 10% of total VOC concentrations presented in Table 2-5 of the October 2000 EE/CA. For MW-27, MW-28, and MW-29, values provided represent 10% of total VOC concentrations from the 2012 sampling event (the most recent pre-pumping event). Please note that the GALs are the ultimate cleanup criteria after 10 years monitored natural attenuation as indicated in Note 2. As such, per Table 4 of the Design Report, P&T shutdown criteria are met when the wells in the plume either meet the GAL or show a 90% reduction in total VOC, including the reinstalled replacement well MW-25R.

TABLE 2A
Groundwater Monitoring Analytical Results Summary (ug/L)
Plume 1 Monitoring Wells with Pump and Treat Shut Down Criteria
Third Site Superfund Site, Zionsville, Indiana

LOCATION	Groundwater Action Levels (GAL)[2]	PLUME 1																
		MW-28 (Page 2 of 2)																
COLLECTION DATE		3/19/18	6/12/18	9/10/18	12/12/18	3/12/19	6/13/19	9/26/19	12/11/19	3/11/20	6/9/20	9/9/20	12/8/20	3/9/21	6/8/21	9/7/21	12/15/21	3/9/22
COMMENT																		
1,1-Dichloroethane	990	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethene	7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene	70	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
trans-1,2-Dichlorothene	100	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Tetrachloroethene	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,1-Trichloroethane	200	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Trichloroethene	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Vinyl Chloride	2	80.7	66.4	84.8	66.8	50.1	22.7	60.9	70.3	69.6	55.1	66.1	70.0	60.2	68.2	64.0	66.4	45.1
Other VOCs	n/a	4.1	2.5	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total VOCs	n/a	84.8	68.9	84.8	66.8	50.1	22.7	60.9	73.3	69.6	55.1	66.1	70.0	60.2	68.2	64.0	66.4	45.1
P&T Shut Down Criteria[6]	n/a	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2

Notes:
1. Bolded values in table are above respective Groundwater Action Levels or P&T shut down criteria.
2. Groundwater Action Levels (GAL) to be achieved after completion of monitored natural attenuation from Enforcement Action Memorandum dated May 11, 2001; Equivalent to MCL/IDEM Tier I Default Criteria of Table 2-7-C of the October 2000 EE/CA and Table 4 of the Design Report.
3. J = Estimated concentration.
4. n/a = Not applicable
5. Samples collected in October 2002 were analyzed for the nine target COC only and not the full 8260 VOC list.
6. P&T Shut Down Criteria from Table 4 of the March 2004 Design Report. Values represent 10% of total VOC concentrations presented in Table 2-5 of the October 2000 EE/CA. For MW-27, MW-28, and MW-29, values provided represent 10% of total VOC concentrations from the 2012 sampling event (the most recent pre-pumping event). Please note that the GALs are the ultimate cleanup criteria after 10 years monitored natural attenuation as indicated in Note 2. As such, per Table 4 of the Design Report, P&T shutdown criteria are met when the wells in the plume either meet the GAL or show a 90% reduction in total VOC, including the reinstalled replacement well MW-25R.

TABLE 2A
Groundwater Monitoring Analytical Results Summary (ug/L)
Plume 1 Monitoring Wells with Pump and Treat Shut Down Criteria
Third Site Superfund Site, Zionsville, Indiana

LOCATION	Groundwater Action Levels (GAL)[2]	PLUME 1																
		MW-29 (Page 1 of 2)																
COLLECTION DATE		8/7/03	8/28/12	5/20/14	8/25/14	12/16/14	3/4/15	6/9/15	9/21/15	12/8/15	3/15/16	6/8/16	9/12/16	12/6/16	3/21/17	6/14/17	10/10/17	12/13/17
COMMENT																		
1,1-Dichloroethane	990	<5.0	2.7	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethene	7	<5.0	<0.5	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene	70	<5.0	3.3	<5.0	<5.0	11.8	1.8	<1.0	2.2	<5.0	1.0	2.1	2.5	1.6	<1.0	<1.0	8.7	<1.0
trans-1,2-Dichlorothene	100	<5.0	0.35 J	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Tetrachloroethene	5	<5.0	<0.5	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,1-Trichloroethane	200	<5.0	<0.5	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	5	<5.0	<0.5	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Trichloroethene	5	<5.0	<0.5	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Vinyl Chloride	2	31.0	53.0	12.8	7.4	4.9	1.8	<1.0	2.7	<2.0	<1.0	3.2	<1.0	<1.0	<1.0	<1.0	1.1	<1.0
Other VOCs	n/a	n/a	30.4	0.0	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total VOCs	n/a	31 [5]	89.7	12.8	14.0	16.7	3.6	0.0	4.9	0.0	1.0	5.3	2.5	1.6	0.0	0.0	9.8	0.0
P&T Shut Down Criteria[6]	n/a	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0

Notes:
1. Bolded values in table are above respective Groundwater Action Levels or P&T shut down criteria.
2. Groundwater Action Levels (GAL) to be achieved after completion of monitored natural attenuation from Enforcement Action Memorandum dated May 11, 2001; Equivalent to MCL/IDEM Tier I Default Criteria of Table 2-7-C of the October 2000 EE/CA and Table 4 of the Design Report.
3. J = Estimated concentration.
4. n/a = Not applicable
5. Samples collected in October 2002 were analyzed for the nine target COC only and not the full 8260 VOC list.
6. P&T Shut Down Criteria from Table 4 of the March 2004 Design Report. Values represent 10% of total VOC concentrations presented in Table 2-5 of the October 2000 EE/CA. For MW-27, MW-28, and MW-29, values provided represent 10% of total VOC concentrations from the 2012 sampling event (the most recent pre-pumping event). Please note that the GALs are the ultimate cleanup criteria after 10 years monitored natural attenuation as indicated in Note 2. As such, per Table 4 of the Design Report, P&T shutdown criteria are met when the wells in the plume either meet the GAL or show a 90% reduction in total VOC, including the reinstalled replacement well MW-25R.

TABLE 2A
Groundwater Monitoring Analytical Results Summary (ug/L)
Plume 1 Monitoring Wells with Pump and Treat Shut Down Criteria
Third Site Superfund Site, Zionsville, Indiana

LOCATION	Groundwater Action Levels (GAL)[2]	PLUME 1																
		MW-29 (Page 2 of 2)																
COLLECTION DATE		3/20/18	6/12/18	9/10/18	12/11/18	3/12/19	6/12/19	9/26/19	12/12/19	3/11/20	6/9/20	9/9/20	12/8/20	3/9/21	6/8/21	9/8/21	12/14/21	3/8/22
COMMENT																		
1,1-Dichloroethane	990	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethene	7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene	70	19.7	2.4	<1.0	9.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.3	2.1	<1.0	<1.0	<1.0	<1.0
trans-1,2-Dichlorothene	100	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Tetrachloroethene	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,1-Trichloroethane	200	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Trichloroethene	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Vinyl Chloride	2	39.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Other VOCs	n/a	8.3	0.0	12.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total VOCs	n/a	67.2	2.4	12.5	9.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	2.1	0.0	0.0	0.0	0.0
P&T Shut Down Criteria[6]	n/a	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0

Notes:
1. Bolded values in table are above respective Groundwater Action Levels or P&T shut down criteria.
2. Groundwater Action Levels (GAL) to be achieved after completion of monitored natural attenuation from Enforcement Action Memorandum dated May 11, 2001; Equivalent to MCL/IDEM Tier I Default Criteria of Table 2-7-C of the October 2000 EE/CA and Table 4 of the Design Report.
3. J = Estimated concentration.
4. n/a = Not applicable
5. Samples collected in October 2002 were analyzed for the nine target COC only and not the full 8260 VOC list.
6. P&T Shut Down Criteria from Table 4 of the March 2004 Design Report. Values represent 10% of total VOC concentrations presented in Table 2-5 of the October 2000 EE/CA. For MW-27, MW-28, and MW-29, values provided represent 10% of total VOC concentrations from the 2012 sampling event (the most recent pre-pumping event). Please note that the GALs are the ultimate cleanup criteria after 10 years monitored natural attenuation as indicated in Note 2. As such, per Table 4 of the Design Report, P&T shutdown criteria are met when the wells in the plume either meet the GAL or show a 90% reduction in total VOC, including the reinstalled replacement well MW-25R.

TABLE 2B
Groundwater Monitoring Analytical Results Summary (ug/L)
Plume 2 Monitoring Wells with Pump and Treat Shut Down Criteria
Third Site Superfund Site, Zionsville, Indiana

LOCATION	Groundwater Action Levels (GAL)[2]	PLUME 2																	
		MW-17 (Page 1 of 2)																	
COLLECTION DATE		12/1/99	10/17/02	11/15/12	5/20/14	8/26/14	12/17/14	3/5/15	6/10/15	9/22/15	12/9/15	3/16/16	6/9/16	9/13/16	12/6/16	3/21/17	6/13/17	10/10/17	12/13/17
COMMENT																			
1,1-Dichloroethane	990	<10	<5.0	3.4	<5.0	9.1	11.8	8.3	7.1	17.3	21.9	2.9	3.9	3.1	2.2	<1.0	2.7	1.9	<1.0
1,1-Dichloroethene	7	<10	<5.0	<0.5	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene	70	3 J	<5.0	38.0	36.4	90.3	112	74.8	72.4	127	198	28.0	32.7	28.4	19.7	17.6	21.3	14.1	9.9
trans-1,2-Dichlorothene	100	<10	<5.0	0.084 J	<5.0	<5.0	<5.0	<1.0	<1.0	1.3	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Tetrachloroethene	5	<10	<5.0	<0.5	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,1-Trichloroethane	200	<10	<5.0	<0.5	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	5	<10	<5.0	<0.5	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Trichloroethene	5	<10	<5.0	<0.5	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Vinyl Chloride	2	230 J	130	82.0	62.4	88.0	76.6	63.0	78.5	68.0	93.3	20.1	26.9	25.5	22.7	19.6	40.5	11.9	5.9
Other VOCs	n/a	2.0	n/a	13.1	8.2	24.4	16.8	16.4	11.2	25.3	33.6	0.0	0.0	0.0	0.0	0.0	7.3	0.0	0.0
Total VOCs	n/a	235	130[5]	137	107	212	217	163	169	239	347	51.0	63.5	57.0	44.6	37.2	71.8	27.9	15.8
P&T Shut Down Criteria[6]	n/a	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5

Notes:

1. Bolded values in table are above respective Groundwater Action Levels or P&T shut down criteria.

2. Groundwater Action Levels (GAL) to be achieved after completion of monitored natural attenuation from Enforcement Action Memorandum dated May 11, 2001; Equivalent to MCL/IDEM Tier I Default Criteria of Table 2-7-C of the October 2000 EE/CA and Table 4 of the Design Report.

3. J = Estimated concentration.

4. n/a = Not applicable

5. Samples collected in October 2002 were analyzed for the nine target COC only and not the full 8260 VOC list.

6. P&T Shut Down Criteria from Table 4 of the March 2004 Design Report. Values represent 10% of total VOC concentrations presented in Table 2-5 of the October 2000 EE/CA. For MW-27, MW-28, and MW-29, values provided represent 10% of total VOC concentrations from the 2012 sampling event (the most recent pre-pumping event). Please note that the GALs are the ultimate cleanup criteria after 10 years monitored natural attenuation as indicated in Note 2. As such, per Table 4 of the Design Report, P&T shutdown criteria are met when the wells in the plume either meet the GAL or show a 90% reduction in total VOC, including the reinstalled replacement well MW-25R.

7. The P&T Shut Down Criteria for MW-27R was reset in support of ERH based on 03/22/17 (Duplicate) Total VOC data from the this well. Per the McMillan-McGee April 2018 ERH remedial design report, the revised P&T Shut Down Criteria for MW-27R is 742 ug/L.

8. MW-27R abandonded in March 2018 due to ERH remedial activities in the DNAPL area.

9. MW-27R installed by McMillin McGee prior to September 2018 sampling event and designated as MW-27R-1. The new MW-27R-1 well screen interval is approx. 6-17ft bgs; the screen interval for the well it replaced (MW-27R) was approx. 6-11ft bgs.

10. MW-27R-1 abandoned due to incorrect screen interval. Re-installed as MW-27R-2 as a stainless steel 2" well. 5-foot screen set from 10-15'. March 2019 is first sampling event.

TABLE 2B
Groundwater Monitoring Analytical Results Summary (ug/L)
Plume 2 Monitoring Wells with Pump and Treat Shut Down Criteria
Third Site Superfund Site, Zionsville, Indiana

LOCATION	Groundwater Action Levels (GAL)[2]	PLUME 2																
		MW-17 (Page 2 of 2)																
COLLECTION DATE		3/21/18	6/13/18	9/11/18	12/12/18	3/12/19	6/13/19	9/26/19	12/13/19	3/11/20	6/10/20	9/10/20	12/9/20	3/9/21	6/9/21	9/8/21	12/15/21	3/9/22
COMMENT																		
1,1-Dichloroethane	990	2.9	4.0	<1.0	<1.0	3.4	4.3	6.0	9.8	9.6	4.2	4.0	4.5	4.9	2.6	2.8	3.1	2.2
1,1-Dichloroethene	7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene	70	8.7	10.7	27.6	13.2	58.2	12.2	20.6	17.1	14.9	12.5	43.1	22.5	16.1	70.6	34.3	24.0	28.2
trans-1,2-Dichlorothene	100	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Tetrachloroethene	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,1-Trichloroethane	200	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Trichloroethene	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Vinyl Chloride	2	9.1	4.2	55.1	4.5	99.7	2.8	36.9	9.7	3.5	13.6	137	36.8	20.0	114.0	118	53	70.9
Other VOCs	n/a	0.0	0.0	7.6	0.0	9.0	0.0	0.0	0.0	0.0	0.0	5.9	2.5	0.0	4.2	0.0	3.2	3.1
Total VOCs	n/a	20.7	18.9	90.3	17.7	170	19.3	63.5	36.6	28.0	30.3	190	66.3	41.0	191	155	83.2	104
P&T Shut Down Criteria[6]	n/a	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5

Notes:

1. Bolded values in table are above respective Groundwater Action Levels or P&T shut down criteria.

2. Groundwater Action Levels (GAL) to be achieved after completion of monitored natural attenuation from Enforcement Action Memorandum dated May 11, 2001; Equivalent to MCL/IDEM Tier I Default Criteria of Table 2-7-C of the October 2000 EE/CA and Table 4 of the Design Report.

3. J = Estimated concentration.

4. n/a = Not applicable

5. Samples collected in October 2002 were analyzed for the nine target COC only and not the full 8260 VOC list.

6. P&T Shut Down Criteria from Table 4 of the March 2004 Design Report. Values represent 10% of total VOC concentrations presented in Table 2-5 of the October 2000 EE/CA. For MW-27, MW-28, and MW-29, values provided represent 10% of total VOC concentrations from the 2012 sampling event (the most recent pre-pumping event). Please note that the GALs are the ultimate cleanup criteria after 10 years monitored natural attenuation as indicated in Note 2. As such, per Table 4 of the Design Report, P&T shutdown criteria are met when the wells in the plume either meet the GAL or show a 90% reduction in total VOC, including the reinstalled replacement well MW-25R.

7. The P&T Shut Down Criteria for MW-27R was reset in support of ERH based on 03/22/17 (Duplicate) Total VOC data from the this well. Per the McMillan-McGee April 2018 ERH remedial design report, the revised P&T Shut Down Criteria for MW-27R is 742 ug/L.

8. MW-27R abandonded in March 2018 due to ERH remedial activities in the DNAPL area.

9. MW-27R installed by McMillin McGee prior to September 2018 sampling event and designated as MW-27R-1. The new MW-27R-1 well screen interval is approx. 6-17ft bgs; the screen interval for the well it replaced (MW-27R) was approx. 6-11ft bgs.

10. MW-27R-1 abandoned due to incorrect screen interval. Re-installed as MW-27R-2 as a stainless steel 2" well. 5-foot screen set from 10-15'. March 2019 is first sampling event.

TABLE 2B
Groundwater Monitoring Analytical Results Summary (ug/L)
Plume 2 Monitoring Wells with Pump and Treat Shut Down Criteria
Third Site Superfund Site, Zionsville, Indiana

LOCATION	Groundwater Action Levels (GAL)[2]	PLUME 2																	
		MW-26 (Page 1 of 2)																	
COLLECTION DATE		12/1/99	10/17/02	11/15/12	5/21/14	8/26/14	12/17/14	3/4/15	6/9/15	9/21/15	12/9/15	3/15/16	6/8/16	9/12/16	12/6/16	3/21/17	6/13/17	10/10/17	12/14/17
COMMENT																			
1,1-Dichloroethane	990	46 J	53.0	57.0	<5.0	17.9	17.6	24.9	5.5	18.4	97.0	3.7	7.2	18.4	5.7	<1.0	4.7	8.7	21.4
1,1-Dichloroethene	7	<10	0.8 J	0.62 J	<5.0	<5.0	<5.0	2.2	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene	70	200	170	170	<5.0	14.7	<5.0	10.1	3.4	2.3	45.1	1.9	3.4	3.1	3.0	2.6	2.3	3.0	3.1
trans-1,2-Dichlorothene	100	2 J	2 J	3.5	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Tetrachloroethene	5	<10	<5	0.12 J	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,1-Trichloroethane	200	7 J	25.0	57.0	<5.0	12.1	19.0	27.2	<1.0	<1.0	80.2	<1.0	2.2	4.3	<1.0	<1.0	<1.0	<1.0	9.9
1,1,2-Trichloroethane	5	<10	<5	<0.5	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Trichloroethene	5	<10	<5	0.11 J	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Vinyl Chloride	2	120	140	140	<2.0	12.7	2.5	5.3	3.7	3.3	36.0	1.1	4.2	3.8	5.8	<1.0	4.8	6.1	5.0
Other VOCs	n/a	4 J	n/a	227	18.1	80.0	56.1	52.2	11.2	76.5	201	8.9	20.2	67.3	31.4	22.6	29.5	38.1	70.5
Total VOCs	n/a	379	391 [5]	655	18.1	137	95.2	122	23.8	101	459	15.6	37.2	96.9	45.9	25.2	41.3	55.9	110
P&T Shut Down Criteria[6]	n/a	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9

Notes:

1. Bolded values in table are above respective Groundwater Action Levels or P&T shut down criteria.

2. Groundwater Action Levels (GAL) to be achieved after completion of monitored natural attenuation from Enforcement Action Memorandum dated May 11, 2001; Equivalent to MCL/IDEM Tier I Default Criteria of Table 2-7-C of the October 2000 EE/CA and Table 4 of the Design Report.

3. J = Estimated concentration.

4. n/a = Not applicable

5. Samples collected in October 2002 were analyzed for the nine target COC only and not the full 8260 VOC list.

6. P&T Shut Down Criteria from Table 4 of the March 2004 Design Report. Values represent 10% of total VOC concentrations presented in Table 2-5 of the October 2000 EE/CA. For MW-27, MW-28, and MW-29, values provided represent 10% of total VOC concentrations from the 2012 sampling event (the most recent pre-pumping event). Please note that the GALs are the ultimate cleanup criteria after 10 years monitored natural attenuation as indicated in Note 2. As such, per Table 4 of the Design Report, P&T shutdown criteria are met when the wells in the plume either meet the GAL or show a 90% reduction in total VOC, including the reinstalled replacement well MW-25R.

7. The P&T Shut Down Criteria for MW-27R was reset in support of ERH based on 03/22/17 (Duplicate) Total VOC data from the this well. Per the McMillan-McGee April 2018 ERH remedial design report, the revised P&T Shut Down Criteria for MW-27R is 742 ug/L.

8. MW-27R abandonded in March 2018 due to ERH remedial activities in the DNAPL area.

9. MW-27R installed by McMillin McGee prior to September 2018 sampling event and designated as MW-27R-1. The new MW-27R-1 well screen interval is approx. 6-17ft bgs; the screen interval for the well it replaced (MW-27R) was approx. 6-11ft bgs.

10. MW-27R-1 abandoned due to incorrect screen interval. Re-installed as MW-27R-2 as a stainless steel 2" well. 5-foot screen set from 10-15'. March 2019 is first sampling event.

TABLE 2B
Groundwater Monitoring Analytical Results Summary (ug/L)
Plume 2 Monitoring Wells with Pump and Treat Shut Down Criteria
Third Site Superfund Site, Zionsville, Indiana

LOCATION	Groundwater Action Levels (GAL)[2]	PLUME 2																	
		MW-26 (Page 2 of 2)																	
COLLECTION DATE		3/21/18	6/13/18	9/11/18	12/12/18	3/12/19	6/13/19	9/27/19	12/12/19	3/11/20	6/10/20	9/10/20	12/9/20	3/9/21	3/9/21	6/9/21	9/8/21	12/15/21	3/9/22
COMMENT															Duplicate				
1,1-Dichloroethane	990	9.4	9.0	5.4	10.4	3.8	3.4	6.4	23.0	10.4	40.0	62.6	18.2	15.9	15.5	19.4	5.7	15.1	3.0
1,1-Dichloroethene	7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene	70	1.9	2.4	3.2	2.7	2.6	2.4	4.6	3.3	4.2	1.1	1.3	4.5	4.1	3.9	3.2	4.9	3.5	2.8
trans-1,2-Dichlorothene	100	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Tetrachloroethene	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,1-Trichloroethane	200	4.6	2.5	<1.0	<1.0	<1.0	<1.0	<1.0	4.7	2.5	16.2	14.8	1.9	2.5	2.5	4.3	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Trichloroethene	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Vinyl Chloride	2	5.4	5.2	5.1	4.7	5.8	9.8	9.3	5.9	12.7	1.5	2.0	7.2	6.1	5.9	11.6	9.5	6.5	10.3
Other VOCs	n/a	38.9	61.6	32.7	51.2	16.5	21.3	31.9	86.9	46.7	154	296	93.8	67.2	66.8	145	20.4	73	10.2
Total VOCs	n/a	60.2	80.7	46.4	69.0	28.7	36.9	52.2	124	76.5	213	377	126	95.8	94.6	184	40.5	98.1	26.3
P&T Shut Down Criteria[6]	n/a	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9

Notes:

1. Bolded values in table are above respective Groundwater Action Levels or P&T shut down criteria.

2. Groundwater Action Levels (GAL) to be achieved after completion of monitored natural attenuation from Enforcement Action Memorandum dated May 11, 2001; Equivalent to MCL/IDEM Tier I Default Criteria of Table 2-7-C of the October 2000 EE/CA and Table 4 of the Design Report.

3. J = Estimated concentration.

4. n/a = Not applicable

5. Samples collected in October 2002 were analyzed for the nine target COC only and not the full 8260 VOC list.

6. P&T Shut Down Criteria from Table 4 of the March 2004 Design Report. Values represent 10% of total VOC concentrations presented in Table 2-5 of the October 2000 EE/CA. For MW-27, MW-28, and MW-29, values provided represent 10% of total VOC concentrations from the 2012 sampling event (the most recent pre-pumping event). Please note that the GALs are the ultimate cleanup criteria after 10 years monitored natural attenuation as indicated in Note 2. As such, per Table 4 of the Design Report, P&T shutdown criteria are met when the wells in the plume either meet the GAL or show a 90% reduction in total VOC, including the reinstalled replacement well MW-25R.

7. The P&T Shut Down Criteria for MW-27R was reset in support of ERH based on 03/22/17 (Duplicate) Total VOC data from the this well. Per the McMillan-McGee April 2018 ERH remedial design report, the revised P&T Shut Down Criteria for MW-27R is 742 ug/L.

8. MW-27R abandonded in March 2018 due to ERH remedial activities in the DNAPL area.

9. MW-27R installed by McMillin McGee prior to September 2018 sampling event and designated as MW-27R-1. The new MW-27R-1 well screen interval is approx. 6-17ft bgs; the screen interval for the well it replaced (MW-27R) was approx. 6-11ft bgs.

10. MW-27R-1 abandoned due to incorrect screen interval. Re-installed as MW-27R-2 as a stainless steel 2" well. 5-foot screen set from 10-15'. March 2019 is first sampling event.

TABLE 2B
Groundwater Monitoring Analytical Results Summary (ug/L)
Plume 2 Monitoring Wells with Pump and Treat Shut Down Criteria
Third Site Superfund Site, Zionsville, Indiana

LOCATION	Groundwater Action Levels (GAL)[2]	PLUME 2																			
		MW-27		MW-27R[7] (Page 1 of 3)																	
COLLECTION DATE		10/17/02	10/17/02	11/15/12	5/21/14	5/21/14	8/27/14	8/27/14	12/17/14	12/17/14	3/5/15	3/5/15	6/10/15	6/10/15	9/22/15	12/10/15	3/16/16	6/9/16	6/9/16	9/14/16	9/14/16
COMMENT			Duplicate			Duplicate		Duplicate		Duplicate		Duplicate		Duplicate					Duplicate		Duplicate
1,1-Dichloroethane	990	13.0	11.0	890	586	603 J	135	140	407	447	401	417	357	343	340	509	414	480	460	480	477
1,1-Dichloroethene	7	0.7 J	0.8 J	5.9	<25	11.3	<5.0	<5.0	6.7	6.5	20.6	26.7	9.1	8.6	<5.0	<25	14.8	9.5	<5.0	37.0	37.1
cis-1,2-Dichloroethene	70	120	110	5,200	4,520 J	4,730 J	586	556	2,460	2,700	3,150	2,880	2,590	2,600	1,380	2,680	3,440	4,380	4,300	3,630	4,350
trans-1,2-Dichlorothene	100	5 J	4 J	67.0	170	186	7.1	7.6	106	105	160	169	151	143	67.6	132	188	226	211	209	195
Tetrachloroethene	5	<5	<5	0.12 J	<25	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<5.0	<25	<5.0	<5.0	<5.0	<5.0	<10
1,1,1-Trichloroethane	200	1 J	1 J	74 J	244	250	32.0	32.4	192	193	190	196	202 J	274 J	158	238	243	424	397	438	441
1,1,2-Trichloroethane	5	<5	<5	0.29 J	<25	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<5.0	<25	<5.0	<5.0	<5.0	<5.0	<10
Trichloroethene	5	1 J	<5	5.5	<25	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	2.3	2.1	<5.0	<25	<5.0	<5.0	<5.0	<5.0	<10
Vinyl Chloride	2	50.0	47.0	2,000	1,060	1,050 J	454	447	642	702	544	594	585	557	796	812	407	548	517	538	609
Other VOCs	n/a	n/a	n/a	1,641	1,211	1,823	456	463	1,155	1,292	926	970	850	856.3	933	1138	816	990	963	1,048	1,022
Total VOCs	n/a	191 [5]	174 [5]	9,884	7,791	8,653	1,670	1,646	4,969	5,445	5,392	5,253	4,745	4,784	3,674	5,509	5,523	7,057	6,848	6,380	7,131
P&T Shut Down Criteria[6]	n/a	988.4	988.4	988.4	988.4	988.4	988.4	988.4	988.4	988.4	988.4	988.4	988.4	988.4	988.4	988.4	988.4	988.4	988.4	988.4	988.4

Notes:

1. Bolded values in table are above respective Groundwater Action Levels or P&T shut down criteria.

2. Groundwater Action Levels (GAL) to be achieved after completion of monitored natural attenuation from Enforcement Action Memorandum dated May 11, 2001; Equivalent to MCL/IDEM Tier I Default Criteria of Table 2-7-C of the October 2000 EE/CA and Table 4 of the Design Report.

3. J = Estimated concentration.

4. n/a = Not applicable

5. Samples collected in October 2002 were analyzed for the nine target COC only and not the full 8260 VOC list.

6. P&T Shut Down Criteria from Table 4 of the March 2004 Design Report. Values represent 10% of total VOC concentrations presented in Table 2-5 of the October 2000 EE/CA. For MW-27, MW-28, and MW-29, values provided represent 10% of total VOC concentrations from the 2012 sampling event (the most recent pre-pumping event). Please note that the GALs are the ultimate cleanup criteria after 10 years monitored natural attenuation as indicated in Note 2. As such, per Table 4 of the Design Report, P&T shutdown criteria are met when the wells in the plume either meet the GAL or show a 90% reduction in total VOC, including the reinstalled replacement well MW-25R.

7. The P&T Shut Down Criteria for MW-27R was reset in support of ERH based on 03/22/17 (Duplicate) Total VOC data from the this well. Per the McMillan-McGee April 2018 ERH remedial design report, the revised P&T Shut Down Criteria for MW-27R is 742 ug/L.

8. MW-27R abandonded in March 2018 due to ERH remedial activities in the DNAPL area.

9. MW-27R installed by McMillin McGee prior to September 2018 sampling event and designated as MW-27R-1. The new MW-27R-1 well screen interval is approx. 6-17ft bgs; the screen interval for the well it replaced (MW-27R) was approx. 6-11ft bgs.

10. MW-27R-1 abandoned due to incorrect screen interval. Re-installed as MW-27R-2 as a stainless steel 2" well. 5-foot screen set from 10-15'. March 2019 is first sampling event.

TABLE 2B
Groundwater Monitoring Analytical Results Summary (ug/L)
Plume 2 Monitoring Wells with Pump and Treat Shut Down Criteria
Third Site Superfund Site, Zionsville, Indiana

LOCATION	Groundwater Action Levels (GAL)[2]	PLUME 2													
		MW-27R[8] (Page 2 of 2)												MW-27R-1[9]	
COLLECTION DATE		12/7/16	12/7/16	3/22/17	3/22/17	6/14/17	6/14/17	10/11/17	10/11/17	12/14/17	12/14/17	3/20/18	3/20/18	9/11/18	9/11/18
COMMENT			Duplicate		Duplicate		Duplicate		Duplicate		Duplicate		Duplicate		Duplicate
1,1-Dichloroethane	990	399	381	505	501	388	361	416	430	303	292	310	326	10.0	10.2
1,1-Dichloroethene	7	20.9	20.8	<5.0	<5.0	36.9	31.7	19.8	15.5	<5.0	<5.0	7.2	<10	<1.0	<1.0
cis-1,2-Dichloroethene	70	3,170	3,080	3,960	4,500	3,080	3,220	3,540	3,620	2,780	2,640	2,630	2,760	12.5	11.5
trans-1,2-Dichlorothene	100	220	213	241	245	198	163	235	239	164	154	146	145	<1.0	<1.0
Tetrachloroethene	5	<1.0	<1.0	<5.0	<5.0	<10	<10	<1.0	<1.0	<5.0	<5.0	<5.0	<10	<5.0	<1.0
1,1,1-Trichloroethane	200	363	335	516	521	440	420	434	444	270	252	293	297	<1.0	<1.0
1,1,2-Trichloroethane	5	<1.0	<1.0	<5.0	<5.0	<10	<10	<1.0	<1.0	<5.0	<5.0	<5.0	<10	<5.0	<1.0
Trichloroethene	5	1.6	1.5	<5.0	<5.0	<10	<10	1.3	1.4	<5.0	<5.0	<5.0	<10	<5.0	<1.0
Vinyl Chloride	2	547	511	688	694	581	499	840	854	514	491	569	589	11.6	11.1
Other VOCs	n/a	1,046	1,012	944	959	804	725	891	936	738	721	624	633	5.4	0.0
Total VOCs	n/a	5,767	5,554	6,854	7,420	5,527	5,419	6,377	6,540	4,769	4,550	4,579	4,750	39.5	32.8
P&T Shut Down Criteria[6]	n/a	988.4	988.4	742[7]	742[7]	742[7]	742[7]	742[7]	742[7]	742[7]	742[7]	742[7]	742[7]	742[7]	742[7]

Notes:

1. Bolded values in table are above respective Groundwater Action Levels or P&T shut down criteria.

2. Groundwater Action Levels (GAL) to be achieved after completion of monitored natural attenuation from Enforcement Action Memorandum dated May 11, 2001; Equivalent to MCL/IDEM Tier I Default Criteria of Table 2-7-C of the October 2000 EE/CA and Table 4 of the Design Report.

3. J = Estimated concentration.

4. n/a = Not applicable

5. Samples collected in October 2002 were analyzed for the nine target COC only and not the full 8260 VOC list.

6. P&T Shut Down Criteria from Table 4 of the March 2004 Design Report. Values represent 10% of total VOC concentrations presented in Table 2-5 of the October 2000 EE/CA. For MW-27, MW-28, and MW-29, values provided represent 10% of total VOC concentrations from the 2012 sampling event (the most recent pre-pumping event). Please note that the GALs are the ultimate cleanup criteria after 10 years monitored natural attenuation as indicated in Note 2. As such, per Table 4 of the Design Report, P&T shutdown criteria are met when the wells in the plume either meet the GAL or show a 90% reduction in total VOC, including the reinstalled replacement well MW-25R.

7. The P&T Shut Down Criteria for MW-27R was reset in support of ERH based on 03/22/17 (Duplicate) Total VOC data from the this well. Per the McMillan-McGee April 2018 ERH remedial design report, the revised P&T Shut Down Criteria for MW-27R is 742 ug/L.

8. MW-27R abandonded in March 2018 due to ERH remedial activities in the DNAPL area.

9. MW-27R installed by McMillin McGee prior to September 2018 sampling event and designated as MW-27R-1. The new MW-27R-1 well screen interval is approx. 6-17ft bgs; the screen interval for the well it replaced (MW-27R) was approx. 6-11ft bgs.

10. MW-27R-1 abandoned due to incorrect screen interval. Re-installed as MW-27R-2 as a stainless steel 2" well. 5-foot screen set from 10-15'. March 2019 is first sampling event.

TABLE 2B
Groundwater Monitoring Analytical Results Summary (ug/L)
Plume 2 Monitoring Wells with Pump and Treat Shut Down Criteria
Third Site Superfund Site, Zionsville, Indiana

LOCATION	Groundwater Action Levels (GAL)[2]	PLUME 2												
		MW-27R-2[10]												
COLLECTION DATE		3/29/19	3/29/19	9/5/19	9/5/19	3/12/20	6/10/20	9/10/20	12/09/20	03/10/21	06/09/21	09/08/21	12/14/21	03/09/22
COMMENT			Duplicate		Duplicate									
1,1-Dichloroethane	990	<10	<10	<5.0	<5.0	<10	<10	<5.0	<10	<10	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethene	7	<10	<10	<5.0	<5.0	<10	<10	<5.0	<10	<10	<5.0	<5.0	<5.0	<5.0
cis-1,2-Dichloroethene	70	153	173	<5.0	<5.0	<10	<10	<5.0	<10	<10	<5.0	<5.0	<5.0	<5.0
trans-1,2-Dichlorothene	100	<10	<10	<5.0	<5.0	<10	<10	<5.0	<10	<10	<5.0	<5.0	<5.0	<5.0
Tetrachloroethene	5	<10	23.2	<5.0	<5.0	<10	<10	<5.0	<10	<10	<5.0	<5.0	<5.0	<5.0
1,1,1-Trichloroethane	200	<10	<10	<5.0	<5.0	<10	<10	<5.0	<10	<10	<5.0	<5.0	<5.0	<5.0
1,1,2-Trichloroethane	5	<10	<10	<5.0	<5.0	<10	<10	<5.0	<10	<10	<5.0	<5.0	<5.0	<5.0
Trichloroethene	5	41.1 J	127 J	5.7	<5.0	<10	<10	<5.0	<10	<10	<5.0	<5.0	<5.0	<5.0
Vinyl Chloride	2	<10	<10	7.4	8.4	<10	<10	<5.0	<10	<10	<5.0	<5.0	<5.0	<5.0
Other VOCs	n/a	1,092	1,292	19.1	13.4	0.0	0.0	7.7	124	0.0	6.7	7.9	0.0	0.0
Total VOCs	n/a	1,286	1,615	32.2	21.8	0.0	0.0	7.7	124	0.0	6.7	7.9	0.0	0.0
P&T Shut Down Criteria[6]	n/a	742[7]	742[7]	742[7]	742[7]	742[7]	742[7]	742[7]	742[7]	742[7]	742[7]	742[7]	742[7]	742[7]

Notes:

1. Bolded values in table are above respective Groundwater Action Levels or P&T shut down criteria.

2. Groundwater Action Levels (GAL) to be achieved after completion of monitored natural attenuation from Enforcement Action Memorandum dated May 11, 2001; Equivalent to MCL/IDEM Tier I Default Criteria of Table 2-7-C of the October 2000 EE/CA and Table 4 of the Design Report.

3. J = Estimated concentration.

4. n/a = Not applicable

5. Samples collected in October 2002 were analyzed for the nine target COC only and not the full 8260 VOC list.

6. P&T Shut Down Criteria from Table 4 of the March 2004 Design Report. Values represent 10% of total VOC concentrations presented in Table 2-5 of the October 2000 EE/CA. For MW-27, MW-28, and MW-29, values provided represent 10% of total VOC concentrations from the 2012 sampling event (the most recent pre-pumping event). Please note that the GALs are the ultimate cleanup criteria after 10 years monitored natural attenuation as indicated in Note 2. As such, per Table 4 of the Design Report, P&T shutdown criteria are met when the wells in the plume either meet the GAL or show a 90% reduction in total VOC, including the reinstalled replacement well MW-25R.

7. The P&T Shut Down Criteria for MW-27R was reset in support of ERH based on 03/22/17 (Duplicate) Total VOC data from the this well. Per the McMillan-McGee April 2018 ERH remedial design report, the revised P&T Shut Down Criteria for MW-27R is 742 ug/L.

8. MW-27R abandonded in March 2018 due to ERH remedial activities in the DNAPL area.

9. MW-27R installed by McMillin McGee prior to September 2018 sampling event and designated as MW-27R-1. The new MW-27R-1 well screen interval is approx. 6-17ft bgs; the screen interval for the well it replaced (MW-27R) was approx. 6-11ft bgs.

10. MW-27R-1 abandoned due to incorrect screen interval. Re-installed as MW-27R-2 as a stainless steel 2" well. 5-foot screen set from 10-15'. March 2019 is first sampling event.

TABLE 2C
Analytical Results Summary - Monitoring Wells Not Part of Pump and Treat Shutdown Criteria (ug/L)
Third Site Superfund Site, Zionsville, Indiana

LOCATION	Groundwater Action Levels (GAL)[1]	PLUME 1														
		MW-30 (Page 1 of 2)														
COLLECTION DATE		5/19/14	8/25/14	12/16/14	3/6/15	6/9/15	9/22/15	12/8/15	3/14/16	6/9/16	9/14/16	12/7/16	3/20/17	6/13/17	10/10/17	12/12/17
COMMENT																
1,1-Dichloroethane	990	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethene	7	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene	70	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
trans-1,2-Dichlorothene	100	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Tetrachloroethene	5	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,1-Trichloroethane	200	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	5	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Trichloroethene	5	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Vinyl Chloride	2	<2.0	<2.0	<2.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

1. Groundwater Action Levels (GAL) to be achieved after completion of monitored natural attenuation from Enforcement Action Memorandum dated May 11, 2001; Equivalent to MCL/IDEM Tier I Default Criteria of Table 2-7-C of the October 2000 EE/CA and Table 4 of the Design Report.

TABLE 2C
Analytical Results Summary - Monitoring Wells Not Part of Pump and Treat Shutdown Criteria (ug/L)
Third Site Superfund Site, Zionsville, Indiana

LOCATION	Groundwater Action Levels (GAL)[1]	PLUME 1																
		MW-30 (Page 2 of 2)																
COLLECTION DATE		3/19/18	6/11/18	9/10/18	12/11/18	3/11/19	6/12/19	9/27/19	12/11/19	3/11/20	6/9/20	9/9/20	12/8/20	3/9/21	6/8/21	9/8/21	12/14/21	3/9/22
COMMENT																		
1,1-Dichloroethane	990	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethene	7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene	70	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
trans-1,2-Dichlorothene	100	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Tetrachloroethene	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,1-Trichloroethane	200	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Trichloroethene	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Vinyl Chloride	2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

1. Groundwater Action Levels (GAL) to be achieved after completion of monitored natural attenuation from Enforcement Action Memorandum dated May 11, 2001; Equivalent to MCL/IDEM Tier I Default Criteria of Table 2-7-C of the October 2000 EE/CA and Table 4 of the Design Report.

TABLE 2C
Analytical Results Summary - Monitoring Wells Not Part of Pump and Treat Shutdown Criteria (ug/L)
Third Site Superfund Site, Zionsville, Indiana

LOCATION	Groundwater Action Levels (GAL)[1]	PLUME 1																		
		MW-31																		
COLLECTION DATE		10/11/17	12/11/17	3/19/18	6/12/18	9/12/18	12/11/18	3/11/19	6/12/19	9/25/19	12/12/19	3/10/20	6/9/20	9/9/20	12/8/20	3/9/21	6/8/21	9/8/21	12/13/21	3/29/22
COMMENT																				
1,1-Dichloroethane	990	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethene	7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene	70	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
trans-1,2-Dichlorothene	100	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Tetrachloroethene	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,1-Trichloroethane	200	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Trichloroethene	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Vinyl Chloride	2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

1. Groundwater Action Levels (GAL) to be achieved after completion of monitored natural attenuation from Enforcement Action Memorandum dated May 11, 2001; Equivalent to MCL/IDEM Tier I Default Criteria of Table 2-7-C of the October 2000 EE/CA and Table 4 of the Design Report.

TABLE 2C
Analytical Results Summary - Monitoring Wells Not Part of Pump and Treat Shutdown Criteria (ug/L)
Third Site Superfund Site, Zionsville, Indiana

LOCATION	Groundwater Action Levels (GAL)[1]	PLUME 1																		
		MW-32																		
COLLECTION DATE		10/10/17	12/11/17	3/19/18	6/11/18	9/10/18	12/11/18	3/11/19	6/12/19	9/26/19	12/11/19	3/12/20	6/9/20	9/9/20	12/8/20	3/9/21	6/8/21	9/7/21	12/14/21	3/9/22
COMMENT																				
1,1-Dichloroethane	990	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethene	7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene	70	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
trans-1,2-Dichlorothene	100	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Tetrachloroethene	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,1-Trichloroethane	200	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Trichloroethene	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Vinyl Chloride	2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

1. Groundwater Action Levels (GAL) to be achieved after completion of monitored natural attenuation from Enforcement Action Memorandum dated May 11, 2001; Equivalent to MCL/IDEM Tier I Default Criteria of Table 2-7-C of the October 2000 EE/CA and Table 4 of the Design Report.

TABLE 2C
Analytical Results Summary - Monitoring Wells Not Part of Pump and Treat Shutdown Criteria (ug/L)
Third Site Superfund Site, Zionsville, Indiana

LOCATION	Groundwater Action Levels (GAL)[1]	PLUME 1																		
		MW-33																		
COLLECTION DATE		10/11/17	12/13/17	3/20/18	6/12/18	9/10/18	12/12/18	3/12/19	6/12/19	9/26/19	12/11/19	3/11/20	6/9/20	9/9/20	12/8/20	3/9/21	6/9/21	9/8/21	12/14/21	3/9/22
COMMENT																				
1,1-Dichloroethane	990	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethene	7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene	70	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
trans-1,2-Dichlorothene	100	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Tetrachloroethene	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,1-Trichloroethane	200	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Trichloroethene	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Vinyl Chloride	2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

1. Groundwater Action Levels (GAL) to be achieved after completion of monitored natural attenuation from Enforcement Action Memorandum dated May 11, 2001; Equivalent to MCL/IDEM Tier I Default Criteria of Table 2-7-C of the October 2000 EE/CA and Table 4 of the Design Report.

TABLE 2C
Analytical Results Summary - Monitoring Wells Not Part of Pump and Treat Shutdown Criteria (ug/L)
Third Site Superfund Site, Zionsville, Indiana

LOCATION	Groundwater Action Levels (GAL)[1]	PLUME 1																		
		MW-34																		
COLLECTION DATE		10/10/17	12/13/17	3/19/18	6/12/18	9/10/18	12/11/18	3/11/19	6/12/19	9/26/19	12/12/19	3/10/20	6/9/20	9/9/20	12/8/20	3/9/21	6/8/21	9/8/21	12/14/21	3/8/22
COMMENT																				
1,1-Dichloroethane	990	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethene	7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene	70	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
trans-1,2-Dichlorothene	100	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Tetrachloroethene	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,1-Trichloroethane	200	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Trichloroethene	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Vinyl Chloride	2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

1. Groundwater Action Levels (GAL) to be achieved after completion of monitored natural attenuation from Enforcement Action Memorandum dated May 11, 2001; Equivalent to MCL/IDEM Tier I Default Criteria of Table 2-7-C of the October 2000 EE/CA and Table 4 of the Design Report.

TABLE 2C
Analytical Results Summary - Monitoring Wells Not Part of Pump and Treat Shutdown Criteria (ug/L)
Third Site Superfund Site, Zionsville, Indiana

LOCATION	Groundwater Action Levels (GAL)[1]	PLUME 1				
		TPZ-1			TPZ-2	
COLLECTION DATE		7/16/15	10/11/17	10/11/17	7/16/15	10/12/17
COMMENT				Duplicate		
1,1-Dichloroethane	990	<5.0	<1.0	<1.0	<5.0	1.8
1,1-Dichloroethene	7	<5.0	<1.0	<1.0	<5.0	<1.0
cis-1,2-Dichloroethene	70	<5.0	<1.0	<1.0	<5.0	3.9
trans-1,2-Dichlorothene	100	<5.0	<1.0	<1.0	<5.0	<1.0
Tetrachloroethene	5	<5.0	<1.0	<1.0	<5.0	<1.0
1,1,1-Trichloroethane	200	<5.0	<1.0	<1.0	<5.0	<1.0
1,1,2-Trichloroethane	5	<5.0	<1.0	<1.0	<5.0	<1.0
Trichloroethene	5	<5.0	<1.0	<1.0	<5.0	<1.0
Vinyl Chloride	2	14.9	5.9	6.7	13.0	7.1

1. Groundwater Action Levels (GAL) to be achieved after completion of monitored natural attenuation from Enforcement Action Memorandum dated May 11, 2001; Equivalent to MCL/IDEM Tier I Default Criteria of Table 2-7-C of the October 2000 EE/CA and Table 4 of the Design Report.

TABLE 3
Surface Water Analytical Results (ug/L)
Third Site Superfund Site, Zionsville, Indiana

LOCATION COLLECTION DATE COMMENT	Surface Water Action Levels[1]	SW-01 (Page 1 of 2)																	
		8/30/12	8/30/12 Duplicate	5/9/13	5/9/13 Duplicate	8/25/14	12/15/14	3/6/15	6/10/15	9/21/15	12/8/15	3/14/16	6/6/16	9/14/16	12/5/16	3/20/17	6/12/17	10/9/17	12/11/17
1,1-Dichloroethane	--	1.4	1.2	<5	<5	<5	<5	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1
1,1-Dichloroethene	3.2	<0.5	<0.5	<5	<5	<5	<5	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1
cis-1,2-Dichloroethene	--	0.41 J	0.33 J	<5	<5	<5	<5	<1	<1	1.8	<5	<1	<1	1.3	<1	<1	<1	<1	<1
trans-1,2-Dichlorothene	1,350	<0.5	<0.5	<5	<5	<5	<5	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1
Tetrachloroethene	8.85	<0.5	<0.5	<5	<5	<5	<5	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1
1,1,1-Trichloroethane	528	0.18 J	0.16 J	<5	<5	<5	<5	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-Trichloroethane	42	<0.5	<0.5	<5	<5	<5	<5	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1
Trichloroethene	81	<0.5	<0.5	<5	<5	<5	<5	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1
Vinyl Chloride	20	<0.5	<0.5	<2	<2	<2	<2	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1

Notes:
1. Surface Water Action Levels from Enforcement Action Memorandum dated May 11, 2001; some values from Table 2-7D of EE/CA (based on Natural Water Quality Criteria), other values supplied by USEPA.
2. J - Estimated concentration
3. Surface water frozen at SW-06 and SW-07; sample collected between the two locations.
4. NS - SW-6 sample not able to be collected due to dry sampling area.

TABLE 3
Surface Water Analytical Results (ug/L)
Third Site Superfund Site, Zionsville, Indiana

LOCATION COLLECTION DATE COMMENT	Surface Water Action Levels[1]	SW-01 (Page 2 of 2)																
		3/19/18	6/12/18	9/12/18	12/10/18	3/11/19	6/10/19	9/25/19	12/9/19	3/10/20	6/8/20	9/8/20	12/7/20	3/8/21	6/7/21	9/7/21	12/13/21	3/8/22
1,1-Dichloroethane	--	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-Dichloroethene	3.2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
cis-1,2-Dichloroethene	--	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1.8	<1	<1	<1	<1	<1	<1
trans-1,2-Dichlorothene	1,350	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Tetrachloroethene	8.85	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,1-Trichloroethane	528	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-Trichloroethane	42	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Trichloroethene	81	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Vinyl Chloride	20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1

Notes:
1. Surface Water Action Levels from Enforcement Action Memorandum dated May 11, 2001; some values from Table 2-7D of EE/CA (based on Natural Water Quality Criteria), other values supplied by USEPA.
2. J - Estimated concentration
3. Surface water frozen at SW-06 and SW-07; sample collected between the two locations.
4. NS - SW-6 sample not able to be collected due to dry sampling area.

TABLE 3
Surface Water Analytical Results (ug/L)
Third Site Superfund Site, Zionsville, Indiana

LOCATION COLLECTION DATE COMMENT	Surface Water Action Levels[1]	SW-02 (Page 1 of 2)																
		8/30/12	5/9/13	8/25/14	12/15/14	12/15/14 Duplicate	3/6/15	6/10/15	9/21/15	12/8/15	3/14/16	6/6/16	9/14/16	12/5/16	3/20/17	6/12/17	10/9/17	12/11/17
1,1-Dichloroethane	--	2.5	<5	<5	<5	<5	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1
1,1-Dichloroethene	3.2	<0.5	<5	<5	<5	<5	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1
cis-1,2-Dichloroethene	--	1.1	<5	<5	<5	<5	<1	<1	2.3	<5	<1	<1	1.3	<1	<1	<1	<1	<1
trans-1,2-Dichlorothene	1,350	<0.5	<5	<5	<5	<5	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1
Tetrachloroethene	8.85	<0.5	<5	<5	<5	<5	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1
1,1,1-Trichloroethane	528	0.23 J	<5	<5	<5	<5	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-Trichloroethane	42	<0.5	<5	<5	<5	<5	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1
Trichloroethene	81	<0.5	<5	<5	<5	<5	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1
Vinyl Chloride	20	0.50 J	<2	<2	<2	<2	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1

Notes:
1. Surface Water Action Levels from Enforcement Action Memorandum dated May 11, 2001; some values from Table 2-7D of EE/CA (based on Natural Water Quality Criteria), other values supplied by USEPA.
2. J - Estimated concentration
3. Surface water frozen at SW-06 and SW-07; sample collected between the two locations.
4. NS - SW-6 sample not able to be collected due to dry sampling area.

TABLE 3
Surface Water Analytical Results (ug/L)
Third Site Superfund Site, Zionsville, Indiana

LOCATION COLLECTION DATE COMMENT	Surface Water Action Levels[1]	SW-02 (Page 2 of 2)																		
		3/19/18	6/12/18	9/12/18	12/10/18	3/11/19	6/10/19	9/25/19	12/9/19	3/10/20	6/8/20	9/8/20	12/7/20	3/8/21	3/8/21 Duplicate	6/7/21	9/7/21	12/13/21	3/8/22	3/8/22 Duplicate
1,1-Dichloroethane	--	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-Dichloroethene	3.2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
cis-1,2-Dichloroethene	--	<1	<1	<1	<1	<1	<1	1.7	<1	<1	<1	1.9	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,2-Dichlorothene	1,350	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Tetrachloroethene	8.85	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,1-Trichloroethane	528	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-Trichloroethane	42	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Trichloroethene	81	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Vinyl Chloride	20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1

Notes:
1. Surface Water Action Levels from Enforcement Action Memorandum dated May 11, 2001; some values from Table 2-7D of EE/CA (based on Natural Water Quality Criteria), other values supplied by USEPA.
2. J - Estimated concentration
3. Surface water frozen at SW-06 and SW-07; sample collected between the two locations.
4. NS - SW-6 sample not able to be collected due to dry sampling area.

TABLE 3
Surface Water Analytical Results (ug/L)
Third Site Superfund Site, Zionsville, Indiana

LOCATION COLLECTION DATE COMMENT	Surface Water Action Levels[1]	SW-03 (Page 1 of 3)																			
		8/30/12	5/9/13	8/25/14	8/25/14 Duplicate	12/15/14	3/6/15	3/6/15 Duplicate	6/10/15	6/10/15 Duplicate	9/21/15	9/21/15 Duplicate	12/8/15	12/8/15 Duplicate	3/14/16	3/14/16 Duplicate	6/6/16	6/6/16 Duplicate	9/14/16	9/14/16 Duplicate	12/5/16
1,1-Dichloroethane	--	6.1	<5	<5	<5	<5	<1	<1	<1	<1	<1	<1	<5	<5	<1	<1	<1	<1	<1	<1	<1
1,1-Dichloroethene	3.2	<0.5	<5	<5	<5	<5	<1	<1	<1	<1	<1	<1	<5	<5	<1	<1	<1	<1	<1	<1	<1
cis-1,2-Dichloroethene	--	1.9	<5	<5	<5	<5	1.6	1.5	<1	<1	2.2	2.1	<5	<5	<1	<1	<1	<1	1.2	1.3	<1
trans-1,2-Dichlorothene	1,350	0.071 J	<5	<5	<5	<5	<1	<1	<1	<1	<1	<1	<5	<5	<1	<1	<1	<1	<1	<1	<1
Tetrachloroethene	8.85	<0.5	<5	<5	<5	<5	<1	<1	<1	<1	<1	<1	<5	<5	<1	<1	<1	<1	<1	<1	<1
1,1,1-Trichloroethane	528	0.73	<5	<5	<5	<5	<1	<1	<1	<1	<1	<1	<5	<5	<1	<1	<1	<1	<1	<1	<1
1,1,2-Trichloroethane	42	<0.5	<5	<5	<5	<5	<1	<1	<1	<1	<1	<1	<5	<5	<1	<1	<1	<1	<1	<1	<1
Trichloroethene	81	<0.5	<5	<5	<5	<5	<1	<1	<1	<1	<1	<1	<5	<5	<1	<1	<1	<1	<1	<1	<1
Vinyl Chloride	20	1.4	<2	<2	<2	<2	<1	<1	<1	<1	<1	<1	<2	<2	<1	<1	<1	<1	<1	<1	<1

Notes:
1. Surface Water Action Levels from Enforcement Action Memorandum dated May 11, 2001; some values from Table 2-7D of EE/CA (based on Natural Water Quality Criteria), other values supplied by USEPA.
2. J - Estimated concentration
3. Surface water frozen at SW-06 and SW-07; sample collected between the two locations.
4. NS - SW-6 sample not able to be collected due to dry sampling area.

TABLE 3
Surface Water Analytical Results (ug/L)
Third Site Superfund Site, Zionsville, Indiana

LOCATION	Surface Water Action Levels[1]	SW-03 (Page 2 of 3)																		
COLLECTION DATE		12/5/16	3/20/17	3/20/17	6/12/17	6/12/17	10/9/17	10/9/17	12/11/17	12/11/17	3/19/18	3/19/18	6/12/18	6/12/18	9/12/18	9/12/18	12/10/18	12/10/18	3/11/19	3/11/19
COMMENT		Duplicate		Duplicate		Duplicate		Duplicate		Duplicate		Duplicate		Duplicate		Duplicate		Duplicate		Duplicate
1,1-Dichloroethane	--	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-Dichloroethene	3.2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
cis-1,2-Dichloroethene	--	<1	<1	<1	<1	<1	1.2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,2-Dichlorothene	1,350	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Tetrachloroethene	8.85	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,1-Trichloroethane	528	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-Trichloroethane	42	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Trichloroethene	81	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Vinyl Chloride	20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1

Notes:
1. Surface Water Action Levels from Enforcement Action Memorandum dated May 11, 2001; some values from Table 2-7D of EE/CA (based on Natural Water Quality Criteria), other values supplied by USEPA.
2. J - Estimated concentration
3. Surface water frozen at SW-06 and SW-07; sample collected between the two locations.
4. NS - SW-6 sample not able to be collected due to dry sampling area.

TABLE 3
Surface Water Analytical Results (ug/L)
Third Site Superfund Site, Zionsville, Indiana

LOCATION	Surface Water Action Levels[1]	SW-03 (Page 3 of 3)																				
COLLECTION DATE		6/10/19	6/10/19	9/25/19	9/25/19	12/9/19	12/9/19	3/10/20	3/10/20	6/8/20	6/8/20	9/8/20	9/8/20	12/7/20	12/7/20	3/8/21	6/7/21	6/7/21	9/7/21	12/13/21	12/13/21	3/8/22
COMMENT			Duplicate		Duplicate		Duplicate		Duplicate		Duplicate		Duplicate		Duplicate			Duplicate			Duplicate	
1,1-Dichloroethane	--	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-Dichloroethene	3.2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
cis-1,2-Dichloroethene	--	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1.5	1.5	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,2-Dichlorothene	1,350	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Tetrachloroethene	8.85	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,1-Trichloroethane	528	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-Trichloroethane	42	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Trichloroethene	81	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Vinyl Chloride	20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1

Notes:
1. Surface Water Action Levels from Enforcement Action Memorandum dated May 11, 2001; some values from Table 2-7D of EE/CA (based on Natural Water Quality Criteria), other values supplied by USEPA.
2. J - Estimated concentration
3. Surface water frozen at SW-06 and SW-07; sample collected between the two locations.
4. NS - SW-6 sample not able to be collected due to dry sampling area.

TABLE 3
Surface Water Analytical Results (ug/L)
Third Site Superfund Site, Zionsville, Indiana

LOCATION COLLECTION DATE COMMENT	Surface Water Action Levels[1]	SW-04 (Page 1 of 2)																			
		8/30/12	5/9/13	8/25/14	12/15/14	3/6/15	6/10/15	9/21/05	12/8/15	3/14/16	6/6/16	9/14/16	12/5/16	3/20/17	6/12/17	10/9/17	12/11/17	3/19/18	6/12/18	9/12/18	12/10/18
1,1-Dichloroethane	--	1.0	<5	<5	<5	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-Dichloroethene	3.2	<0.5	<5	<5	<5	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
cis-1,2-Dichloroethene	--	0.50	<5	<5	<5	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	4.7	<1	<1	<1	<1
trans-1,2-Dichlorothene	1,350	<0.5	<5	<5	<5	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Tetrachloroethene	8.85	<0.5	<5	<5	<5	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,1-Trichloroethane	528	<0.5	<5	<5	<5	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-Trichloroethane	42	<0.5	<5	<5	<5	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Trichloroethene	81	<0.5	<5	<5	<5	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Vinyl Chloride	20	0.25 J	<2	<2	<2	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1

Notes:
1. Surface Water Action Levels from Enforcement Action Memorandum dated May 11, 2001; some values from Table 2-7D of EE/CA (based on Natural Water Quality Criteria), other values supplied by USEPA.
2. J - Estimated concentration
3. Surface water frozen at SW-06 and SW-07; sample collected between the two locations.
4. NS - SW-6 sample not able to be collected due to dry sampling area.

TABLE 3
Surface Water Analytical Results (ug/L)
Third Site Superfund Site, Zionsville, Indiana

LOCATION COLLECTION DATE COMMENT	Surface Water Action Levels[1]	SW-04 (Page 2 of 2)												
		3/11/19	6/10/19	9/25/19	12/9/19	3/10/20	6/8/20	9/8/20	12/7/20	3/8/21	6/7/21	9/7/21	12/13/21	3/8/22
1,1-Dichloroethane	--	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-Dichloroethene	3.2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
cis-1,2-Dichloroethene	--	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,2-Dichlorothene	1,350	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Tetrachloroethene	8.85	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,1-Trichloroethane	528	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-Trichloroethane	42	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Trichloroethene	81	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Vinyl Chloride	20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1

Notes:
1. Surface Water Action Levels from Enforcement Action Memorandum dated May 11, 2001; some values from Table 2-7D of EE/CA (based on Natural Water Quality Criteria), other values supplied by USEPA.
2. J - Estimated concentration
3. Surface water frozen at SW-06 and SW-07; sample collected between the two locations.
4. NS - SW-6 sample not able to be collected due to dry sampling area.

TABLE 3
Surface Water Analytical Results (ug/L)
Third Site Superfund Site, Zionsville, Indiana

LOCATION COLLECTION DATE COMMENT	Surface Water Action Levels[1]	SW-05 (Page 1 of 2)																		
		5/9/13	8/25/14	12/15/14	3/6/15	6/10/15	9/21/15	12/8/15	3/14/16	6/6/16	9/14/16	12/5/16	3/20/17	6/12/17	10/9/17	12/11/17	3/19/18	6/12/18	9/12/18	12/10/18
1,1-Dichloroethane	--	<5	<5	<5	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-Dichloroethene	3.2	<5	<5	<5	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
cis-1,2-Dichloroethene	--	<5	<5	<5	<1	<1	<1	<5	<1	<1	1.1	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,2-Dichlorothene	1,350	<5	<5	<5	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Tetrachloroethene	8.85	<5	<5	<5	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,1-Trichloroethane	528	<5	<5	<5	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-Trichloroethane	42	<5	<5	<5	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Trichloroethene	81	<5	<5	<5	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Vinyl Chloride	20	<2	<2	<2	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1

Notes:
1. Surface Water Action Levels from Enforcement Action Memorandum dated May 11, 2001; some values from Table 2-7D of EE/CA (based on Natural Water Quality Criteria), other values supplied by USEPA.
2. J - Estimated concentration
3. Surface water frozen at SW-06 and SW-07; sample collected between the two locations.
4. NS - SW-6 sample not able to be collected due to dry sampling area.

TABLE 3
Surface Water Analytical Results (ug/L)
Third Site Superfund Site, Zionsville, Indiana

LOCATION COLLECTION DATE COMMENT	Surface Water Action Levels[1]	SW-05 (Page 2 of 2)												
		3/11/19	6/10/19	9/25/19	12/9/19	3/10/20	6/8/20	9/8/20	12/7/20	3/8/21	6/7/21	9/7/21	12/13/21	3/29/22
1,1-Dichloroethane	--	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-Dichloroethene	3.2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
cis-1,2-Dichloroethene	--	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,2-Dichlorothene	1,350	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Tetrachloroethene	8.85	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,1-Trichloroethane	528	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-Trichloroethane	42	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Trichloroethene	81	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Vinyl Chloride	20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1

Notes:
1. Surface Water Action Levels from Enforcement Action Memorandum dated May 11, 2001; some values from Table 2-7D of EE/CA (based on Natural Water Quality Criteria), other values supplied by USEPA.
2. J - Estimated concentration
3. Surface water frozen at SW-06 and SW-07; sample collected between the two locations.
4. NS - SW-6 sample not able to be collected due to dry sampling area.

TABLE 3
Surface Water Analytical Results (ug/L)
Third Site Superfund Site, Zionsville, Indiana

LOCATION COLLECTION DATE COMMENT	Surface Water Action Levels[1]	SW-06			SW-06/07[3]	SW-06 (Page 1 of 2)														
		5/9/13	8/25/14	12/15/14	3/6/15	6/10/15	9/21/15	12/8/15	3/14/16	6/6/16	9/14/16	12/5/16	3/20/17	6/12/17	10/9/17	12/11/17	3/19/18	6/12/18	9/12/18	12/10/18
1,1-Dichloroethane	--	<5	<5	<5	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-Dichloroethene	3.2	<5	<5	<5	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
cis-1,2-Dichloroethene	--	<5	<5	<5	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,2-Dichlorothene	1,350	<5	<5	<5	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Tetrachloroethene	8.85	<5	<5	<5	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,1-Trichloroethane	528	<5	<5	<5	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-Trichloroethane	42	<5	<5	<5	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Trichloroethene	81	<5	<5	<5	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Vinyl Chloride	20	<2	<2	<2	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1

Notes:
1. Surface Water Action Levels from Enforcement Action Memorandum dated May 11, 2001; some values from Table 2-7D of EE/CA (based on Natural Water Quality Criteria), other values supplied by USEPA.
2. J - Estimated concentration
3. Surface water frozen at SW-06 and SW-07; sample collected between the two locations.
4. NS - SW-6 sample not able to be collected due to dry sampling area.

TABLE 3
Surface Water Analytical Results (ug/L)
Third Site Superfund Site, Zionsville, Indiana

LOCATION COLLECTION DATE COMMENT	Surface Water Action Levels[1]	SW-06 (Page 2 of 2)												
		3/11/19	6/10/19	9/25/19	12/9/19	3/10/20	6/8/20	9/8/20	12/7/20	3/8/21	6/7/21	9/7/21	12/13/21	3/8/22
1,1-Dichloroethane	--	<1	<1	<1	<1	<1	NS	<1	<1	<1	<1	<1	NS	<1
1,1-Dichloroethene	3.2	<1	<1	<1	<1	<1	NS	<1	<1	<1	<1	<1	NS	<1
cis-1,2-Dichloroethene	--	<1	<1	<1	<1	<1	NS	<1	<1	<1	<1	<1	NS	<1
trans-1,2-Dichlorothene	1,350	<1	<1	<1	<1	<1	NS	<1	<1	<1	<1	<1	NS	<1
Tetrachloroethene	8.85	<1	<1	<1	<1	<1	NS	<1	<1	<1	<1	<1	NS	<1
1,1,1-Trichloroethane	528	<1	<1	<1	<1	<1	NS	<1	<1	<1	<1	<1	NS	<1
1,1,2-Trichloroethane	42	<1	<1	<1	<1	<1	NS	<1	<1	<1	<1	<1	NS	<1
Trichloroethene	81	<1	<1	<1	<1	<1	NS	<1	<1	<1	<1	<1	NS	<1
Vinyl Chloride	20	<1	<1	<1	<1	<1	NS	<1	<1	<1	<1	<1	NS	<1

Notes:
1. Surface Water Action Levels from Enforcement Action Memorandum dated May 11, 2001; some values from Table 2-7D of EE/CA (based on Natural Water Quality Criteria), other values supplied by USEPA.
2. J - Estimated concentration
3. Surface water frozen at SW-06 and SW-07; sample collected between the two locations.
4. NS - SW-6 sample not able to be collected due to dry sampling area.

TABLE 3
Surface Water Analytical Results (ug/L)
Third Site Superfund Site, Zionsville, Indiana

LOCATION COLLECTION DATE COMMENT	Surface Water Action Levels[1]	SW-07 (Page 1 of 2)																	
		5/9/13	8/25/14	12/15/14	6/10/15	9/21/15	12/8/15	3/14/16	6/6/16	9/14/16	12/5/16	3/20/17	6/12/17	10/9/17	12/11/17	3/19/18	6/12/18	9/12/18	12/10/18
1,1-Dichloroethane	--	<5	<5	<5	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-Dichloroethene	3.2	<5	<5	<5	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
cis-1,2-Dichloroethene	--	<5	<5	<5	<1	1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,2-Dichlorothene	1,350	<5	<5	<5	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Tetrachloroethene	8.85	<5	<5	<5	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,1-Trichloroethane	528	<5	<5	<5	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-Trichloroethane	42	<5	<5	<5	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Trichloroethene	81	<5	<5	<5	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Vinyl Chloride	20	<2	<2	<2	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1

Notes:
1. Surface Water Action Levels from Enforcement Action Memorandum dated May 11, 2001; some values from Table 2-7D of EE/CA (based on Natural Water Quality Criteria), other values supplied by USEPA.
2. J - Estimated concentration
3. Surface water frozen at SW-06 and SW-07; sample collected between the two locations.
4. NS - SW-6 sample not able to be collected due to dry sampling area.

TABLE 3
Surface Water Analytical Results (ug/L)
Third Site Superfund Site, Zionsville, Indiana

LOCATION COLLECTION DATE COMMENT	Surface Water Action Levels[1]	SW-07 (Page 2 of 2)													
		3/11/19	6/10/19	9/25/19	12/9/19	3/10/20	6/8/20	9/8/20	12/7/20	3/8/21	6/7/21	9/7/21	9/7/21 Duplicate	12/13/21	3/8/22
1,1-Dichloroethane	--	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-Dichloroethene	3.2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
cis-1,2-Dichloroethene	--	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,2-Dichlorothene	1,350	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Tetrachloroethene	8.85	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,1-Trichloroethane	528	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-Trichloroethane	42	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Trichloroethene	81	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Vinyl Chloride	20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1

Notes:
1. Surface Water Action Levels from Enforcement Action Memorandum dated May 11, 2001; some values from Table 2-7D of EE/CA (based on Natural Water Quality Criteria), other values supplied by USEPA.
2. J - Estimated concentration
3. Surface water frozen at SW-06 and SW-07; sample collected between the two locations.
4. NS - SW-6 sample not able to be collected due to dry sampling area.

TABLE 4
Extraction Well and System Effluent Analytical Results (ug/L)
Third Site Superfund Site, Zionsville, Indiana

	Influent[1]						Effluent[2]	
LOCATION	Groundwater Action	EW-1	EW-2	EW-3	EW-4	EW-5	Effluent Limts for	GAC-2 Eff.
COLLECTION DATE	Levels (GAL)[3]	6/10/15					Discharge[4]	6/18/15
1,1-Dichloroethane	990	61.9	12.8	44.4	63.1	35.2	990	<5
1,1-Dichloroethene	7	<1	<1	1.2	<1	<1	2	<2
cis-1,2-Dichloroethene	70	945	76.2	245	72.9	686	70	<5
trans-1,2-Dichlorothene	100	24.1	<1	1.1	2.7	13.8	100	<5
Tetrachloroethene	5	<1	<1	<1	<1	<1	5	<5
1,1,1-Trichloroethane	200	<1	<1	149	22.7	<1	200	<5
1,1,2-Trichloroethane	5	<1	<1	<1	<1	<1	42	<5
Trichloroethene	5	<1	<1	<1	<1	<1	10	<5
Vinyl Chloride	2	134	30.0	111	64.4	118	10	<2
Other VOCs	n/a	84.8	7.1	654.8	47.1	108	n/a	n/a
Total VOCs	n/a	1,250	126.1	1,205	272.9	961.0	n/a	n/a

	Influent[1]						Effluent[2]	
LOCATION	Groundwater Action	EW-1	EW-2	EW-3	EW-4	EW-5	Effluent Limts for	GAC-2 Eff.
COLLECTION DATE	Levels (GAL)[3]	9/23/15					Discharge[4]	9/11/15
1,1-Dichloroethane	990	61.1	12.7	29.7	73.5	23.1	990	<5
1,1-Dichloroethene	7	<1	<1	<10	<1	<1	2	<2
cis-1,2-Dichloroethene	70	938	71.4	123	85.9	867	70	<5
trans-1,2-Dichlorothene	100	40.9	<1	<10	2.7	14.1	100	<5
Tetrachloroethene	5	<1	<1	<10	<1	<1	5	<5
1,1,1-Trichloroethane	200	<1	<1	51.4	24.8	<1	200	<5
1,1,2-Trichloroethane	5	<1	<1	<10	<1	<1	42	<5
Trichloroethene	5	<1	<1	<10	<1	<1	10	<5
Vinyl Chloride	2	119	25.2	58.3	56.8	108	10	<2
Other VOCs	n/a	212.6	18.9	3367	51.9	108	n/a	n/a
Total VOCs	n/a	1,372	128.2	3,629	295.6	1,120.2	n/a	n/a

	Influent[1]						Effluent[2]	
LOCATION	Groundwater Action	EW-1	EW-2	EW-3	EW-4	EW-5	Effluent Limts for	GAC-2 Eff.
COLLECTION DATE	Levels (GAL)[3]	12/16/15					Discharge[4]	12/16/15
1,1-Dichloroethane	990	78.9	14.3	30.6	62.2	14.7	990	<5
1,1-Dichloroethene	7	<5	<5	<5	<5	<5	2	<2
cis-1,2-Dichloroethene	70	1,530	96.5	37.8	61.0	567	70	<5
trans-1,2-Dichlorothene	100	24.9	<5	<5	<5	10.5	100	<5
Tetrachloroethene	5	<5	<5	<5	<5	<5	5	<5
1,1,1-Trichloroethane	200	<5	<5	17.4	20.9	<5	200	<5
1,1,2-Trichloroethane	5	<5	<5	<5	<5	<5	42	<5
Trichloroethene	5	<5	<5	<5	<5	<5	10	<5
Vinyl Chloride	2	183	37.8	21.8	44.3	92.7	10	<2
Other VOCs	n/a	96.4	10.8	216.6	56.2	90.6	n/a	n/a
Total VOCs	n/a	1,913	159.4	324.2	244.6	775.5	n/a	n/a

	Influent[1]						Effluent[2]	
LOCATION	Groundwater Action	EW-1	EW-2	EW-3	EW-4	EW-5	Effluent Limts for	GAC-2 Eff.
COLLECTION DATE	Levels (GAL)[3]	3/17/16					Discharge[4]	3/16/16
1,1-Dichloroethane	990	64.4	14.5	38.1	65.1	7.2	990	<5
1,1-Dichloroethene	7	<5	<1	5.3	<1	<2	2	<2
cis-1,2-Dichloroethene	70	909	82.8	229	86.1	299	70	<5
trans-1,2-Dichlorothene	100	19.7	1.3	2.4	2.2	9.7	100	<5
Tetrachloroethene	5	<5	<1	<1	<1	<2	5	<5
1,1,1-Trichloroethane	200	<5	<1	166	13.8	<2	200	<5
1,1,2-Trichloroethane	5	<5	<1	<1	<1	<2	42	<5
Trichloroethene	5	<5	<1	<1	<1	<2	10	<5
Vinyl Chloride	2	89.8	28.9	70.7	58.2	47.9	10	<2
Other VOCs	n/a	70	8.5	298.9	49.2	48.8	n/a	n/a
Total VOCs	n/a	1,153	136.0	805.1	274.6	412.6	n/a	n/a

TABLE 4
Extraction Well and System Effluent Analytical Results (ug/L)
Third Site Superfund Site, Zionsville, Indiana

	Influent[1]						Effluent[2]	
LOCATION	Groundwater Action Levels (GAL)[3]	EW-1	EW-2	EW-3	EW-4	EW-5	Effluent Limts for Discharge[4]	GAC-2 Eff.
COLLECTION DATE		6/9/16						6/22/16
1,1-Dichloroethane	990	61.1	16.4	48.1	65.4	7.1	990	<5
1,1-Dichloroethene	7	<1	<1	<1	<1	<1	2	<2
cis-1,2-Dichloroethene	70	1,060	85.1	247	81	372	70	<5
trans-1,2-Dichlorothene	100	20.9	<1	<1	2.2	8.0	100	<5
Tetrachloroethene	5	<1	<1	<1	<1	<1	5	<5
1,1,1-Trichloroethane	200	<1	<1	157	17.5	<1	200	<5
1,1,2-Trichloroethane	5	<1	<1	<1	<1	<1	42	<5
Trichloroethene	5	<1	<1	<1	<1	<1	10	<5
Vinyl Chloride	2	133	31.3	125	63.9	78.4	10	<2
Other VOCs	n/a	97.9	13	553.3	66.4	75.6	n/a	n/a
Total VOCs	n/a	1,373	145.8	1,130	296.4	541.1	n/a	n/a

	Influent[1]						Effluent[2]	
LOCATION	Groundwater Action Levels (GAL)[3]	EW-1	EW-2	EW-3	EW-4	EW-5	Effluent Limts for Discharge[4]	GAC-2 Eff.
COLLECTION DATE		9/14/16						9/8/16
1,1-Dichloroethane	990	52.7	16.1	49.3	75	5.4	990	<5
1,1-Dichloroethene	7	<1	<1	1.9	1.1	<1	2	<2
cis-1,2-Dichloroethene	70	732	94.6	77.7	94.9	327	70	<5
trans-1,2-Dichlorothene	100	18.6	1.3	1.1	2.1	8.8	100	<5
Tetrachloroethene	5	<1	<1	<1	<1	<1	5	<5
1,1,1-Trichloroethane	200	<1	<1	39.9	18.6	<1	200	<5
1,1,2-Trichloroethane	5	<1	<1	<1	<1	<1	42	<5
Trichloroethene	5	<1	<1	<1	<1	<1	10	<5
Vinyl Chloride	2	127	36.4	56.5	61.2	59.4	10	<2
Other VOCs	n/a	87.5	15.7	466.2	123.4	53.5	n/a	n/a
Total VOCs	n/a	1,018	164.1	692.6	376.3	454.1	n/a	n/a

	Influent[1]						Effluent[2]	
LOCATION	Groundwater Action Levels (GAL)[3]	EW-1	EW-2	EW-3	EW-4	EW-5	Effluent Limts for Discharge[4]	GAC-2 Eff.
COLLECTION DATE		12/7/16						12/14/16
1,1-Dichloroethane	990	41.8	12.4	41.2	92.7	3.8	990	<5
1,1-Dichloroethene	7	<1	<1	<1	<1	<1	2	<2
cis-1,2-Dichloroethene	70	501	85.7	76.3	158	292	70	<5
trans-1,2-Dichlorothene	100	15.9	1.2	<1	3.5	6.9	100	<5
Tetrachloroethene	5	<1	<1	<1	<1	<1	5	<5
1,1,1-Trichloroethane	200	<1	<1	21.3	18.2	<1	200	<5
1,1,2-Trichloroethane	5	<1	<1	<1	<1	<1	42	<5
Trichloroethene	5	<1	<1	<1	<1	<1	10	<5
Vinyl Chloride	2	119	37.8	60.8	117	58.6	10	<2
Other VOCs	n/a	81.9	11.5	452.2	75.9	55.9	n/a	n/a
Total VOCs	n/a	759.6	148.6	651.8	465.3	417.2	n/a	n/a

	Influent[1]						Effluent[2]	
LOCATION	Groundwater Action Levels (GAL)[3]	EW-1	EW-2	EW-3	EW-4	EW-5	Effluent Limts for Discharge[4]	GAC-2 Eff.
COLLECTION DATE		3/22/17						3/22/17
1,1-Dichloroethane	990	32.7	10.3	58.8	68.5	<1	990	<5
1,1-Dichloroethene	7	<1	<1	<1	<1	<1	2	<2
cis-1,2-Dichloroethene	70	652	85.7	263	97.6	253	70	<5
trans-1,2-Dichlorothene	100	13.7	<1	<1	<1	7.8	100	<5
Tetrachloroethene	5	<1	<1	<1	<1	<1	5	<5
1,1,1-Trichloroethane	200	<1	<1	35.3	14.9	<1	200	<5
1,1,2-Trichloroethane	5	<1	<1	<1	<1	<1	42	<5
Trichloroethene	5	<1	<1	<1	<1	<1	10	<5
Vinyl Chloride	2	102	43.3	124	91.2	56.7	10	<2
Other VOCs	n/a	75.0	3.0	1374	75.9	53.8	n/a	n/a
Total VOCs	n/a	875.4	142.3	1,855	348.1	371.3	n/a	n/a

TABLE 4
Extraction Well and System Effluent Analytical Results (ug/L)
Third Site Superfund Site, Zionsville, Indiana

	Influent[1]						Effluent[2]	
LOCATION	Groundwater Action Levels (GAL)[3]	EW-1	EW-2	EW-3	EW-4	EW-5	Effluent Limts for Discharge[4]	GAC-2 Eff.
COLLECTION DATE		6/15/17						6/22/17
1,1-Dichloroethane	990	23.7	9.9	24.5	36	3.4	990	<5
1,1-Dichloroethene	7	<1	<1	1.8	<1	<1	2	<2
cis-1,2-Dichloroethene	70	787	45.1	123	8.8	422	70	<5
trans-1,2-Dichlorothene	100	16.6	<1	1.3	<1	13.9	100	<5
Tetrachloroethene	5	<1	<1	<1	<1	<1	5	<5
1,1,1-Trichloroethane	200	<1	<1	23.5	15.7	<1	200	<5
1,1,2-Trichloroethane	5	<1	<1	<1	<1	<1	42	<5
Trichloroethene	5	<1	<1	2.2	<1	<1	10	<5
Vinyl Chloride	2	125	18.5	29.9	7.2	92.1	10	<2
Other VOCs	n/a	70.5	8.8	2224	84.1	110	n/a	n/a
Total VOCs	n/a	1,023	82.3	2,430	151.8	641.4	n/a	n/a

	Influent[1]						Effluent[2]	
LOCATION	Groundwater Action Levels (GAL)[3]	EW-1	EW-2	EW-3	EW-4	EW-5	Effluent Limts for Discharge[4]	GAC-2 Eff.
COLLECTION DATE		10/10/17						10/15/17
1,1-Dichloroethane	990	30.1	9.3	74	83	1.8	990	<5
1,1-Dichloroethene	7	<5	<1	<1	<1	<1	2	<2
cis-1,2-Dichloroethene	70	644	85.2	2.8	156	187	70	<5
trans-1,2-Dichlorothene	100	16.2	1.2	<1	4.1	<1	100	<5
Tetrachloroethene	5	<1	<1	<1	<1	4.9	5	<5
1,1,1-Trichloroethane	200	<1	<1	12.3	16.4	<1	200	<5
1,1,2-Trichloroethane	5	<1	<1	<1	<1	<1	42	<5
Trichloroethene	5	<1	<1	<1	<1	<1	10	<5
Vinyl Chloride	2	82.9	45.1	7.9	106	34.3	10	<2
Other VOCs	n/a	70.1	19.7	398	76.1	26.3	n/a	n/a
Total VOCs	n/a	843.3	160.5	494.8	441.6	254.3	n/a	n/a

	Influent[1]						Effluent[2]	
LOCATION	Groundwater Action Levels (GAL)[3]	EW-1	EW-2	EW-3	EW-4	EW-5	Effluent Limts for Discharge[4]	GAC-2 Eff.
COLLECTION DATE		12/13/17						12/15/17
1,1-Dichloroethane	990	13.9	8.2	89.3	112	2.3	990	<5
1,1-Dichloroethene	7	<1	<1	4.0	<1	<1	2	<2
cis-1,2-Dichloroethene	70	176	76.4	929	218	113	70	<5
trans-1,2-Dichlorothene	100	2.6	<1	3.1	5.2	2.2	100	<5
Tetrachloroethene	5	<1	<1	<1	<1	<1	5	<5
1,1,1-Trichloroethane	200	<1	<1	421	14.8	<1	200	<5
1,1,2-Trichloroethane	5	<1	<1	<1	<1	<1	42	<5
Trichloroethene	5	<1	<1	<1	<1	<1	10	<5
Vinyl Chloride	2	126	40.9	130	128	23.9	10	<2
Other VOCs	n/a	767.8	7.3	392.6	85.4	183.3	n/a	n/a
Total VOCs	n/a	1,086	132.8	1,969	563.4	324.7	n/a	n/a

	Influent[1]						Effluent[2]	
LOCATION	Groundwater Action Levels (GAL)[3]	EW-1	EW-2	EW-3	EW-4	EW-5	Effluent Limts for Discharge[4]	GAC-2 Eff.
COLLECTION DATE		3/20/18						3/7/18
1,1-Dichloroethane	990	23.4	<1	50.3	72.6	<1	990	<5
1,1-Dichloroethene	7	<1	<1	2.7	<1	<1	2	<2
cis-1,2-Dichloroethene	70	466	55.3	438	158	213	70	<5
trans-1,2-Dichlorothene	100	11.1	<1	2.5	3.5	4	100	<5
Tetrachloroethene	5	<1	<1	<1	<1	<1	5	<5
1,1,1-Trichloroethane	200	<1	<1	<1	11.1	<1	200	<5
1,1,2-Trichloroethane	5	<1	<1	<1	<1	<1	42	<5
Trichloroethene	5	<1	<1	1.8	<1	<1	10	<5
Vinyl Chloride	2	113	32.4	127	99	43.7	10	<2
Other VOCs	n/a	73.4	5.3	614.6	61.4	32.5	n/a	n/a
Total VOCs	n/a	686.9	93.0	1,237	405.6	293.2	n/a	n/a

TABLE 4
Extraction Well and System Effluent Analytical Results (ug/L)
Third Site Superfund Site, Zionsville, Indiana

	Influent[1]						Effluent[2]	
LOCATION	Groundwater Action Levels (GAL)[3]	EW-1	EW-2	EW-3	EW-4	EW-5	Effluent Limts for Discharge[4]	GAC-2 Eff.
COLLECTION DATE		6/13/18						6/21/18
1,1-Dichloroethane	990	20.6	7.0	3.0	72.0	1.3	990	<5
1,1-Dichloroethene	7	<1	<1	<1	<1	<1	2	<2
cis-1,2-Dichloroethene	70	<1	61.0	5.1	140	280	70	<5
trans-1,2-Dichlorothene	100	12.7	<1	<1	3.9	4.6	100	<5
Tetrachloroethene	5	<1	<1	<1	<1	<1	5	<5
1,1,1-Trichloroethane	200	<1	<1	1.4	12.7	<1	200	<5
1,1,2-Trichloroethane	5	<1	<1	<1	<1	<1	42	<5
Trichloroethene	5	<1	<1	2.3	<1	<1	10	<5
Vinyl Chloride	2	84.3	25.3	<1	80.3	40.6	10	<2
Other VOCs	n/a	63.2	9.3	6.5	70.2	25.3	n/a	n/a
Total VOCs	n/a	180.8	102.6	18.3	379.1	351.8	n/a	n/a

	Influent[1]						Effluent[2]	
LOCATION	Groundwater Action Levels (GAL)[3]	EW-1	EW-2	EW-3	EW-4	EW-5	Effluent Limts for Discharge[4]	GAC-2 Eff.
COLLECTION DATE		9/10/18						9/7/18
1,1-Dichloroethane	990	10.5	7.6	50.3	53.2	<1	990	<5
1,1-Dichloroethene	7	<1	<1	<1	<1	<1	2	<2
cis-1,2-Dichloroethene	70	331	68.4	219	72.4	251	70	<5
trans-1,2-Dichlorothene	100	7.4	<1	2.9	2.2	5.3	100	<5
Tetrachloroethene	5	<1	<1	<1	<1	<1	5	<5
1,1,1-Trichloroethane	200	<1	<1	18.9	9.5	<1	200	<5
1,1,2-Trichloroethane	5	<1	<1	<1	<1	<1	42	<5
Trichloroethene	5	<1	<1	<1	<1	<1	10	<5
Vinyl Chloride	2	58.6	33.6	127	47.9	56.2	10	<2
Other VOCs	n/a	33.1	3.7	102.2	63.6	32.5	n/a	n/a
Total VOCs	n/a	440.6	113.3	520.3	248.8	345.0	n/a	n/a

	Influent[1]						Effluent[2]	
LOCATION	Groundwater Action Levels (GAL)[3]	EW-1	EW-2	EW-3[5]	EW-4	EW-5	Effluent Limts for Discharge[4]	GAC-2 Eff.
COLLECTION DATE		12/10/18						12/13/18
1,1-Dichloroethane	990	15.0	7.0	NS	77.4	1.2	990	<5
1,1-Dichloroethene	7	<1	<1	NS	<1	<1	2	<2
cis-1,2-Dichloroethene	70	603	80.6	NS	89.3	279	70	<5
trans-1,2-Dichlorothene	100	11.2	<1	NS	1.9	4.2	100	<5
Tetrachloroethene	5	<1	<1	NS	<1	<1	5	<5
1,1,1-Trichloroethane	200	<1	<1	NS	7.7	<1	200	<5
1,1,2-Trichloroethane	5	<1	<1	NS	<1	<1	42	<5
Trichloroethene	5	<1	<1	NS	<1	<1	10	<5
Vinyl Chloride	2	121	51.8	NS	64.9	61.3	10	<2
Other VOCs	n/a	66.1	4.9	NS	105.4	24.6	n/a	n/a
Total VOCs	n/a	816.3	144.3	NS	346.6	370.3	n/a	n/a

	Influent[1]						Effluent[2]	
LOCATION	Groundwater Action Levels (GAL)[3]	EW-1	EW-2	EW-3[5]	EW-4	EW-5	Effluent Limts for Discharge[4]	GAC-2 Eff.
COLLECTION DATE		3/12/19						3/26/19
1,1-Dichloroethane	990	12.1	6.2	NS	39	<1	990	<5
1,1-Dichloroethene	7	<1	<1	NS	<1	<1	2	<2
cis-1,2-Dichloroethene	70	512	51.3	NS	34	299	70	<5
trans-1,2-Dichlorothene	100	10.1	<1	NS	3.9	5.4	100	<5
Tetrachloroethene	5	<1	<1	NS	<1	<1	5	<5
1,1,1-Trichloroethane	200	<1	<1	NS	1.4	<1	200	<5
1,1,2-Trichloroethane	5	<1	<1	NS	<1	<1	42	<5
Trichloroethene	5	<1	<1	NS	<1	<1	10	<5
Vinyl Chloride	2	82.4	28.5	NS	26.3	47.4	10	<2
Other VOCs	n/a	53.9	1.1	NS	272.6	23.8	n/a	n/a
Total VOCs	n/a	670.5	87.1	NS	377.2	375.6	n/a	n/a

TABLE 4
Extraction Well and System Effluent Analytical Results (ug/L)
Third Site Superfund Site, Zionsville, Indiana

	Influent[1]						Effluent[2]	
LOCATION	Groundwater Action Levels (GAL)[3]	EW-1	EW-2	EW-3[5]	EW-4	EW-5	Effluent Limts for Discharge[4]	GAC-2 Eff.
COLLECTION DATE		6/10/19						6/14/19
1,1-Dichloroethane	990	12.6	9.4	NS	25.7	1.1	990	<5
1,1-Dichloroethene	7	<1	<1	NS	<1	<1	2	<2
cis-1,2-Dichloroethene	70	468	58.0	NS	6.2	247	70	<5
trans-1,2-Dichlorothene	100	9.0	<1	NS	2.1	3.4	100	<5
Tetrachloroethene	5	<1	<1	NS	<1	<1	5	<5
1,1,1-Trichloroethane	200	<1	<1	NS	<1	<1	200	<5
1,1,2-Trichloroethane	5	<1	<1	NS	<1	<1	42	<5
Trichloroethene	5	<1	<1	NS	<1	<1	10	<5
Vinyl Chloride	2	65.3	31.7	NS	9.7	9.7	10	<2
Other VOCs	n/a	38.0	3.7	NS	213.9	14.7	n/a	n/a
Total VOCs	n/a	592.9	102.8	NS	257.6	275.9	n/a	n/a

	Influent[1]						Effluent[2]	
LOCATION	Groundwater Action Levels (GAL)[3]	EW-1	EW-2	EW-3[5]	EW-4	EW-5	Effluent Limts for Discharge[4]	GAC-2 Eff.
COLLECTION DATE		9/30/19						9/19/19
1,1-Dichloroethane	990	12.8	9.1	NS	12.3	<1	990	<5
1,1-Dichloroethene	7	<1	<1	NS	<1	<1	2	<2
cis-1,2-Dichloroethene	70	691	97.3	NS	4.4	294	70	<5
trans-1,2-Dichlorothene	100	8.0	<1	NS	1.7	5.3	100	<5
Tetrachloroethene	5	<1	<1	NS	<1	<1	5	<5
1,1,1-Trichloroethane	200	<1	<1	NS	<1	<1	200	<5
1,1,2-Trichloroethane	5	<1	<1	NS	<1	<1	42	<5
Trichloroethene	5	<1	<1	NS	<1	<1	10	<5
Vinyl Chloride	2	70.3	42	NS	7.2	42.6	10	<2
Other VOCs	n/a	34.4	2.4	NS	174.1	12.3	n/a	n/a
Total VOCs	n/a	816.5	150.8	NS	199.7	354.2	n/a	n/a

	Influent[1]						Effluent[2]	
LOCATION	Groundwater Action Levels (GAL)[3]	EW-1	EW-2	EW-3[5]	EW-4	EW-5	Effluent Limts for Discharge[4]	GAC-2 Eff.
COLLECTION DATE		12/12/19						12/10/19
1,1-Dichloroethane	990	14.4	6.2	NS	16.5	<1	990	<5
1,1-Dichloroethene	7	<1	<1	NS	<1	<1	2	<2
cis-1,2-Dichloroethene	70	563	75.2	NS	7.1	268	70	<5
trans-1,2-Dichlorothene	100	8.2	<1	NS	<1	4.0	100	<5
Tetrachloroethene	5	<1	<1	NS	<1	<1	5	<5
1,1,1-Trichloroethane	200	<	<1	NS	<1	<1	200	<5
1,1,2-Trichloroethane	5	<1	<1	NS	<1	<1	42	<5
Trichloroethene	5	<1	<1	NS	<1	<1	10	<5
Vinyl Chloride	2	82.5	45.0	NS	14.7	36.1	10	<2
Other VOCs	n/a	46.9	0.0	NS	86.3	9.3	n/a	n/a
Total VOCs	n/a	715.0	126.4	NS	124.6	317.4	n/a	n/a

	Influent[1]						Effluent[2]	
LOCATION	Groundwater Action Levels (GAL)[3]	EW-1	EW-2	EW-3[5]	EW-4	EW-5	Effluent Limts for Discharge[4]	GAC-2 Eff.
COLLECTION DATE		3/10/20						3/23/20
1,1-Dichloroethane	990	8.6	4.9	NS	15.2	<1	990	<5
1,1-Dichloroethene	7	<1	<1	NS	<1	<1	2	<2
cis-1,2-Dichloroethene	70	447	59.6	NS	9.6	347	70	<5
trans-1,2-Dichlorothene	100	7.3	<1	NS	<1	7.8	100	<5
Tetrachloroethene	5	<1	<1	NS	<1	<1	5	<5
1,1,1-Trichloroethane	200	<1	<1	NS	<1	<1	200	<5
1,1,2-Trichloroethane	5	<1	<1	NS	<1	<1	42	<5
Trichloroethene	5	<1	<1	NS	<1	<1	10	<5
Vinyl Chloride	2	64.1	28.8	NS	14.8	52.9	10	<2
Other VOCs	n/a	30.3	0.0	NS	110.5	13.5	n/a	n/a
Total VOCs	n/a	557.3	93.3	NS	150.1	421.2	n/a	n/a

TABLE 4
Extraction Well and System Effluent Analytical Results (ug/L)
Third Site Superfund Site, Zionsville, Indiana

	Influent[1]						Effluent[2]	
LOCATION	Groundwater Action Levels (GAL)[3]	EW-1	EW-2	EW-3[5]	EW-4	EW-5	Effluent Limts for Discharge[4]	GAC-2 Eff.
COLLECTION DATE		6/8/20						6/12/20
1,1-Dichloroethane	990	7.6	NS[6]	NS	42.1	<5	990	<5
1,1-Dichloroethene	7	<5	NS[6]	NS	<1	<5	2	<2
cis-1,2-Dichloroethene	70	521	NS[6]	NS	87.2	297	70	<5
trans-1,2-Dichlorothene	100	9.7	NS[6]	NS	1.3	9.7	100	<5
Tetrachloroethene	5	<5	NS[6]	NS	<1	<5	5	<5
1,1,1-Trichloroethane	200	<5	NS[6]	NS	1.1	<5	200	<5
1,1,2-Trichloroethane	5	<5	NS[6]	NS	<1	<5	42	<5
Trichloroethene	5	<5	NS[6]	NS	<1	<5	10	<5
Vinyl Chloride	2	61.5	NS[6]	NS	65.8	25.9	10	<2
Other VOCs	n/a	37.1	NS[6]	NS	101.6	0.0	n/a	n/a
Total VOCs	n/a	636.9	NS[6]	NS	299.1	332.6	n/a	n/a

	Influent[1]						Effluent[2]	
LOCATION	Groundwater Action Levels (GAL)[3]	EW-1	EW-2[7]	EW-3[5]	EW-4	EW-5	Effluent Limts for Discharge[4]	GAC-2 Eff.
COLLECTION DATE		9/9/20						9/1/20
1,1-Dichloroethane	990	5.1	3.3	NS	6.9	<1	990	<5
1,1-Dichloroethene	7	<1	<1	NS	<1	<1	2	<2
cis-1,2-Dichloroethene	70	340	34.4	NS	2.5	241	70	<5
trans-1,2-Dichlorothene	100	4.2	<1	NS	<1	3.1	100	<5
Tetrachloroethene	5	<1	<1	NS	<1	<1	5	<5
1,1,1-Trichloroethane	200	<1	<1	NS	<1	<1	200	<5
1,1,2-Trichloroethane	5	<1	<1	NS	<1	<1	42	<5
Trichloroethene	5	<1	<1	NS	<1	<1	10	<5
Vinyl Chloride	2	68.7	48.7	NS	2.7	31.9	10	<2
Other VOCs	n/a	31.3	8.9	NS	109.7	7.3	n/a	n/a
Total VOCs	n/a	449.3	95.3	NS	121.8	283.3	n/a	n/a

	Influent[1]						Effluent[2]	
LOCATION	Groundwater Action Levels (GAL)[3]	EW-1	EW-2	EW-3[5]	EW-4	EW-5	Effluent Limts for Discharge[4]	GAC-2 Eff.
COLLECTION DATE		12/8/20						12/16/20
1,1-Dichloroethane	990	5.1	3.2	NS	22.6	<1	990	<5
1,1-Dichloroethene	7	<1	<1	NS	<1	<1	2	<2
cis-1,2-Dichloroethene	70	371	57.7	NS	42.9	275	70	<5
trans-1,2-Dichlorothene	100	5.0	<1	NS	<1	4.3	100	<5
Tetrachloroethene	5	<1	<1	NS	<1	<1	5	<5
1,1,1-Trichloroethane	200	<1	<1	NS	<1	<1	200	<5
1,1,2-Trichloroethane	5	<1	<1	NS	<1	<1	42	<5
Trichloroethene	5	<1	<1	NS	<1	<1	10	<5
Vinyl Chloride	2	85.0	45.1	NS	34.1	37.0	10	<2
Other VOCs	n/a	39.8	3.5	NS	92.4	8.0	n/a	n/a
Total VOCs	n/a	505.9	109.5	NS	192.0	324.3	n/a	n/a

	Influent[1]						Effluent[2]	
LOCATION	Groundwater Action Levels (GAL)[3]	EW-1	EW-2	EW-3[5]	EW-4	EW-5	Effluent Limts for Discharge[4]	GAC-2 Eff.
COLLECTION DATE		3/8/21						3/9/21
1,1-Dichloroethane	990	5.8	3.4	NS	16.3	<1	990	<5
1,1-Dichloroethene	7	<1	<1	NS	<1	<1	2	<2
cis-1,2-Dichloroethene	70	404	52.1	NS	21.4	237	70	<5
trans-1,2-Dichlorothene	100	6.4	<1	NS	<1	4.1	100	<5
Tetrachloroethene	5	<1	<1	NS	<1	<1	5	<5
1,1,1-Trichloroethane	200	<1	<1	NS	<1	<1	200	<5
1,1,2-Trichloroethane	5	<1	<1	NS	<1	<1	42	<5
Trichloroethene	5	<1	<1	NS	<1	<1	10	<5
Vinyl Chloride	2	77.1	33.1	NS	14.8	20.6	10	<2
Other VOCs	n/a	45.0	0.0	NS	90.4	0.0	n/a	n/a
Total VOCs	n/a	538.3	88.6	NS	142.9	261.7	n/a	n/a

TABLE 4
Extraction Well and System Effluent Analytical Results (ug/L)
Third Site Superfund Site, Zionsville, Indiana

LOCATION	Groundwater Action	EW-1	EW-2[8]	EW-3[5]	EW-4	EW-5	Effluent Limts for	GAC-2 Eff.
COLLECTION DATE	Levels (GAL)[3]	6/9/21					Discharge[4]	6/9/21
1,1-Dichloroethane	990	3.9	3.3	NS	6.0	<1	990	<5
1,1-Dichloroethene	7	<1	<1	NS	<1	<1	2	<2
cis-1,2-Dichloroethene	70	321	45.3	NS	2.3	302	70	<5
trans-1,2-Dichlorothene	100	3.8	<1	NS	<1	4.8	100	<5
Tetrachloroethene	5	<1	<1	NS	<1	<1	5	<5
1,1,1-Trichloroethane	200	<1	<1	NS	<1	<1	200	<5
1,1,2-Trichloroethane	5	<1	<1	NS	<1	<1	42	<5
Trichloroethene	5	<1	<1	NS	<1	<1	10	<5
Vinyl Chloride	2	71.0	34.0	NS	2.4	34.4	10	<2
Other VOCs	n/a	35.7	0.0	NS	67.2	5.1	n/a	n/a
Total VOCs	n/a	435.4	82.6	NS	77.9	346.3	n/a	n/a

LOCATION	Groundwater Action	EW-1	EW-2	EW-3[5]	EW-4	EW-5	Effluent Limts for	GAC-2 Eff.
COLLECTION DATE	Levels (GAL)[3]	9/8/21					Discharge[4]	9/21/21
1,1-Dichloroethane	990	5.1	4.6	NS	13.6	<1	990	<5
1,1-Dichloroethene	7	<1	<1	NS	<1	<1	2	<2
cis-1,2-Dichloroethene	70	490	76.5	NS	23.3	236	70	<5
trans-1,2-Dichlorothene	100	5.7	<1	NS	<1	3.4	100	<5
Tetrachloroethene	5	<1	<1	NS	<1	<1	5	<5
1,1,1-Trichloroethane	200	<1	<1	NS	<1	<1	200	<5
1,1,2-Trichloroethane	5	<1	<1	NS	<1	<1	42	<5
Trichloroethene	5	<1	<1	NS	<1	<1	10	<5
Vinyl Chloride	2	87.6	50.1	NS	18.9	16.7	10	<2
Other VOCs	n/a	38.7	1.1	NS	103.2	2.5	n/a	n/a
Total VOCs	n/a	627.1	132.3	NS	159	258.6	n/a	n/a

LOCATION	Groundwater Action	EW-1	EW-2	EW-3[5]	EW-4	EW-5	Effluent Limts for	GAC-2 Eff.
COLLECTION DATE	Levels (GAL)[3]	12/17/21					Discharge[4]	12/6/21
1,1-Dichloroethane	990	3.1	4.1	NS	19.0	<1	990	<5
1,1-Dichloroethene	7	<1	<1	NS	<1	<1	2	<2
cis-1,2-Dichloroethene	70	290	65.0	NS	37.8	205	70	<5
trans-1,2-Dichlorothene	100	3.2	<1	NS	<1	3.0	100	<5
Tetrachloroethene	5	<1	<1	NS	<1	<1	5	<5
1,1,1-Trichloroethane	200	<1	<1	NS	<1	<1	200	<5
1,1,2-Trichloroethane	5	<1	<1	NS	<1	<1	42	<5
Trichloroethene	5	<1	<1	NS	<1	<1	10	<5
Vinyl Chloride	2	60.7	48.3	NS	36.0	20.8	10	<2
Other VOCs	n/a	24.5	1.0	NS	85.6	2.7	n/a	n/a
Total VOCs	n/a	381.5	118.4	NS	178.4	231.5	n/a	n/a

LOCATION	Groundwater Action	EW-1	EW-2	EW-3[5]	EW-4	EW-5[9]	Effluent Limts for	GAC-2 Eff.
COLLECTION DATE	Levels (GAL)[3]	3/10/22					Discharge[4]	3/23/22
1,1-Dichloroethane	990	3.6	3.8	NS	16.7	NS	990	<5
1,1-Dichloroethene	7	<1	<1	NS	<1	NS	2	<2
cis-1,2-Dichloroethene	70	441	58.6	NS	37.9	NS	70	<5
trans-1,2-Dichlorothene	100	5.2	<1	NS	<1	NS	100	<5
Tetrachloroethene	5	<1	<1	NS	<1	NS	5	<5
1,1,1-Trichloroethane	200	<1	<1	NS	<1	NS	200	<5
1,1,2-Trichloroethane	5	<1	<1	NS	<1	NS	42	<5
Trichloroethene	5	<1	<1	NS	<1	NS	10	<5
Vinyl Chloride	2	78.5	34.2	NS	25.0	NS	10	<2
Other VOCs	n/a	32.8	0.0	NS	75.7	NS	n/a	n/a
Total VOCs	n/a	561.1	96.6	NS	155.3	NS	n/a	n/a

TABLE 4

Extraction Well and System Effluent Analytical Results (ug/L)

Third Site Superfund Site, Zionsville, Indiana

NOTES:

1. Influent = individual extraction well (EW) analytical results.
2. Effluent = Pump & treat system final effluent following carbon treatment.
3. Groundwater Action Levels to be achieved after completion of monitored natural attenuation from Enforcement Action Memorandum dated May 11, 2001; Equivalent to MCL/IDEM Tier I Default Criteria of Table 2-7-C of the October 2000 EE/CA.
4. Effluent limits for discharge to Finley Creek from February 1997 *Briefing Memo: ECC, Zionsville, Indiana Superfund Site, ARAR Effluent Limits*, prepared by IDEM, and the modified effluent limitations for cis- and trans-1,2-dichloroethene per the December 1, 2009 letter from IDEM.
5. EW-3 pump damaged during drilling activities for ERH system; unable to sample.
6. EW-2 not sampled due to failed transducer in the well and it not being operational.
7. EW-2 sampled on 9/18/2020 after transducer in well repaired.
8. EW-2 sampled on 6/10/2021
9. EW-5 not sampled on 3/10/2022 due to pump replacement activities

n/a = Not applicable

NS = Not sampled

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