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 – MAY 2021
THIRD SITE, ZIONSVILLE, INDIANA

Dear Mr. Ohl:

June 10, 2021

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One Indiana Square
Suite 2335
Indianapolis, IN 46204
USA

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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 May 2021.

I. Activities Completed During Reporting Month

- Water pumping and treatment from the Third Site extraction wells did not occur in May. On April 10, it was determined that the air stripper floats had failed, and while replacing individual floats, it was also determined that the float array shaft had failed. An equivalent air stripper float array was ordered in April but was on backorder until its arrival on May 24. The new float array was installed on May 25; however, there was a delay in startup due to wiring/electrical difficulties with the new array. The electrical issues were resolved that week; however, the flange that connects the float sight tube to the air stripper sump was leaking and a pressure switch for the air stripper was tripping. A new flange was ordered and installed on June 3, and a new pressure switch was ordered and installed on June 7. The system was restarted on June 7.
- Because the treatment system did not operate in May, water treatment system performance samples were not collected and, therefore, a discharge monitoring report will not be submitted for the month of May.
- The repair of the EW-3 discharge line was initiated during the week of May 10 and completed on May 19. Despite the system being down as described above, the discharge line was able to be tested to confirm that the repair to both the electrical line and discharge line was completed. Upon testing, it was determined that a new pump for EW-3 will be required for future operation. Also, a new flow meter and transmitter for EW-3 were ordered in May.
- A revised memorandum summarizing the sump cleanout and response to comments were submitted to USEPA on May 20.

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- The pump & treat progress monitoring data summary through March 2021 was submitted to USEPA on May 24.
- The *Third Site Supplemental Sampling Work Plan Draft (Revision 2)* for the MW-28 area and a response to comments memorandum were submitted to USEPA on May 30.

II. Data Generated During the Reporting Month

- Analytical results from the March 2021 remedial progress monitoring were validated and have been incorporated into the groundwater monitoring and surface water results summary tables (Tables 2, 2A, and 3) provided in Attachment A. Table 2 was previously provided to USEPA on May 24. A sample location map is also provided for reference. Also included in Attachment A are the analytical results from the individual pump & treat extraction wells along with post-treatment effluent sample results (Table 4).

III. Developments/Difficulties Encountered During the Reporting Month

- The pump & treat system has been down since April 10. A replacement float array for the air stripper was on backorder, and then installed on May 25 upon receipt. After additional repairs to the air stripper, the pump & treat system was restarted on June 7.
- Upon testing EW-3 after the discharge line repair, it was determined that a new well pump for EW-3 will be required for future operation. A replacement pump for EW-3 has been ordered.

IV. Activities Anticipated for Next Reporting Month

- On June 2, USEPA provided comments to the April 12 memorandum summarizing chemical oxidation treatment of the DNAPL Cell on Third Site and comparison to bioremediation case studies and plan.
- Operation and maintenance of the pump & treat system will continue.
- A new flow meter and transmitter for EW-3 was ordered in May and will be installed upon receipt in June. A replacement pump for EW-3 has been ordered.
- Two backup extraction well pumps have also been ordered, one for each of the two sizes in the extraction wells.
- Quarterly pump & treat progress monitoring is being conducted during the week of June 7, weather permitting.

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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agremos@ramboll.com

cc: Thomas Krueger, Esq. – USEPA Region 5
Douglas Petroff – IDEM
Corey Knox / Dave Becker / Will Calbaugh / Mark Nichter – USACE
Norman W. Bernstein – N.W. Bernstein & Associates, LLC
Peter M. Racher – Plews Shadley Racher & Braun LLP
Gary Wealthall, PhD – Geosyntec Consultants

Attachments

A. Remedial Progress Monitoring Data

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ATTACHMENT A
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

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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 2
Groundwater Monitoring Analytical Results Summary (ug/L)
Plume 1 and 2 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]	**1,237.0**	**2,344.2**	**720.5**	**920.6**	**2,154.6**	**1,644.5**	**561.4**	**619.0**	**291.6**	**391.7**	**315.1**	**261.5**	**242.8**	166.1	**237.4**	181.0
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.
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 2
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Plume 1 and 2 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
COMMENT														
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
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
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**
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
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
1,1,1-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
1,1,2-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
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
Vinyl Chloride	2	**48.4**	**63.6**	**102**	**44.8**	**62.1**	**50.4**	**80.9**	**137**	**189**	**91.1**	**225**	**205**	**163**
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
Total VOCs	n/a	112.8	161.8	226.7	116.3	150.2	111.3	149.9	**250.6**	**573.2**	139.6	**287.4**	**263.4**	**253.5**
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

Notes:
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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 2
Groundwater Monitoring Analytical Results Summary (ug/L)
Plume 1 and 2 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	118.8	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]	**8,158.8**	**1,763**	**1,113.6**	**853.4**	563.7	350.9	**713.9**	**1,043.4**	249.3	545.4	496.1	414.1	339.0	386.1	286.2	350.5
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:

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3. J = Estimated concentration.
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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.
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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
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
1,1-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
cis-1,2-Dichloroethene	70	**257**	**246**	**205**	**279**	**288**	**222**	**182**	**189**	**182**	**115**	**109**	**128**	**106**
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
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
1,1,1-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
1,1,2-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
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
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**
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
Total VOCs	n/a	275.9	256.2	216.1	291.4	303.5	230.4	190.4	199.0	198.7	119.5	115.2	138.1	110.3
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

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 2
Groundwater Monitoring Analytical Results Summary (ug/L)
Plume 1 and 2 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**	**2,998.5**	**1,806.3**	**930.9**	**235.4**	**177.9**	**221.4**	**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.
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 2
Groundwater Monitoring Analytical Results Summary (ug/L)
Plume 1 and 2 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
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
1,1-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
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
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
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
1,1,1-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
1,1,2-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
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
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
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
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
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

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 2
Groundwater Monitoring Analytical Results Summary (ug/L)
Plume 1 and 2 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	**1,649.0**	**1082**[5]	**316.5**	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:

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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 2
Groundwater Monitoring Analytical Results Summary (ug/L)
Plume 1 and 2 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
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
1,1-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
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
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
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
1,1,1-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
1,1,2-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
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
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
Other VOCs	n/a	38.1	74.1	72.2	103.6	497.9	487.1	343.7	250.2	206.3	204.5	280.0	195.2	154.8
Total VOCs	n/a	38.1	79.9	104.0	114.9	**510.7**	**488.9**	**343.7**	**250.2**	**207.3**	**204.5**	**280.0**	**195.2**	154.8
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

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 2
Groundwater Monitoring Analytical Results Summary (ug/L)
Plume 1 and 2 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 2)																
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	119.8	106.8	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	**454.0**	**236** [5]	**243.4**	**242.5**	**139.3**	**117.6**	**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.
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 2
Groundwater Monitoring Analytical Results Summary (ug/L)
Plume 1 and 2 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 2)																								
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	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
COMMENT						Duplicate			Duplicate		Duplicate		Duplicate		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	13.6	13.6	7.9	8.0	6.1	6.2	4.7	4.7	4.7
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	<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	22.5	20.6	21.5	22.3	10.9	11.5	6.3	6.2	4.8
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	<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	<1.0	<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	<1.0	<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	<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	<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	1.3	<1.0	<1.0	**33.8**	**34.7**	**43.6**	**42.3**	**62.5**	**60.1**	**56.5**	**56.0**	**75.6 J**	**56.3 J**	**20.5**	**21.5**	**32.9**	**34.4**	**22.9**	**22.4**	**19.1**
Other VOCs	n/a	62.6	53.6	98.8	109.4	104.3	68.9	107.9	104.6	125.9	125.9	66.8	65.2	71.0	70.2	61.6	61.4	53.5	51.5	42.2	43	52.2	54.3	46.8	45.7	33.3
Total VOCs	n/a	**62.6**	**53.6**	**98.8**	**109.4**	**104.3**	**70.2**	**107.9**	**104.6**	**398.4**	**400.4**	**209.6**	**203.8**	**209.6**	**207.9**	**181.6**	**178.1**	**165.2**	**142.0**	**92.1**	**94.8**	**102.1**	**106.4**	**80.7**	**79.0**	**61.9**
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	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.
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 2
Groundwater Monitoring Analytical Results Summary (ug/L)
Plume 1 and 2 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																														
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	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
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	<1.0	<1.0	<1.0	<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	<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	<1.0	<1.0	<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	<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	<1.0	<1.0	<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	<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	<1.0	<1.0	<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	<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	<1.0	<1.0	<1.0	<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	<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	<1.0	<1.0	<1.0	<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	<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	<1.0	<1.0	<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	<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	<1.0	<1.0	<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	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**	**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**
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	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
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**	**100.0**	**61.6**	**83.5**	**94.4**	**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**
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	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.
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 2
Groundwater Monitoring Analytical Results Summary (ug/L)
Plume 1 and 2 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																														
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	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
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	<1.0	<1.0	<1.0	<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	<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	<1.0	<1.0	<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	<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	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
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	<1.0	<1.0	<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	<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	<1.0	<1.0	<1.0	<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	<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	<1.0	<1.0	<1.0	<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	<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	<1.0	<1.0	<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	<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	<1.0	<1.0	<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	**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	**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
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	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
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	**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
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	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.
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 2
Groundwater Monitoring Analytical Results Summary (ug/L)
Plume 1 and 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	**235.0**	**130**[5]	**136.5**	**107.0**	**211.8**	**217.2**	**162.5**	**169.2**	**238.9**	**346.8**	**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 2
Groundwater Monitoring Analytical Results Summary (ug/L)
Plume 1 and 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
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
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
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
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
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
1,1,1-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
1,1,2-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
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
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**
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
Total VOCs	n/a	20.7	18.9	**90.3**	17.7	**170.3**	19.3	**63.5**	**36.6**	**28.0**	**30.3**	**190.0**	**66.3**	**41.0**
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

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 2
Groundwater Monitoring Analytical Results Summary (ug/L)
Plume 1 and 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	226.6	18.1	80.0	56.1	52.2	11.2	76.5	200.9	8.9	20.2	67.3	31.4	22.6	29.5	38.1	70.5
Total VOCs	n/a	**379.0**	**390.8** [5]	**655.0**	18.1	**137.4**	**95.2**	**121.9**	23.8	**100.5**	**459.2**	15.6	37.2	**96.9**	**45.9**	25.2	**41.3**	**55.9**	**109.9**
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 2
Groundwater Monitoring Analytical Results Summary (ug/L)
Plume 1 and 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
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
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
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
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
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
1,1,1-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
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
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
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**
Other VOCs	n/a	38.9	61.6	32.7	51.2	16.5	21.3	31.9	86.9	46.7	154.4	296.3	93.8	67.2	66.8
Total VOCs	n/a	**60.2**	**80.7**	**46.4**	**69.0**	28.7	36.9	**52.2**	**123.8**	**76.5**	**213.2**	**377.0**	**125.6**	**95.8**	**94.6**
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

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 2
Groundwater Monitoring Analytical Results Summary (ug/L)
Plume 1 and 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 2)																	
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	1,640.7	1,210.9	1,822.7	456.1	462.7	1,155.0	1,291.5	926.0	970.0	850.0	856.3	932.5	1,138.2	815.7	989.9	963.0	1,047.7	1,022.0
Total VOCs	n/a	190.7 [5]	173.8 [5]	**9,883.5**	**7,790.9**	**8,653.0**	**1,670.2**	**1,645.7**	**4,968.7**	**5,445.0**	**5,391.6**	**5,252.7**	**4,745.4**	**4,784.0**	**3,674.1**	**5,509.2**	**5,522.5**	**7,057.4**	**6,848.0**	**6,379.7**	**7,131.1**
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 2
Groundwater Monitoring Analytical Results Summary (ug/L)
Plume 1 and 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]		MW-27R-2[10]								
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	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
COMMENT			Duplicate		Duplicate		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	<10	<10	<5.0	<5.0	<10	<10	<5.0	<10	<10
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	<10	<10	<5.0	<5.0	<10	<10	<5.0	<10	<10
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	**153**	**173**	<5.0	<5.0	<10	<10	<5.0	<10	<10
trans-1,2-Dichlorothene	100	**220**	**213**	**241**	**245**	**198**	**163**	**235**	**239**	**164**	**154**	**146**	**145**	<1.0	<1.0	<10	<10	<5.0	<5.0	<10	<10	<5.0	<10	<10
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	<10	23.2	<5.0	<5.0	<10	<10	<5.0	<10	<10
1,1,1-Trichloroethane	200	**363**	**335**	**516**	**521**	**440**	**420**	**434**	**444**	**270**	**252**	**293**	**297**	<1.0	<1.0	<10	<10	<5.0	<5.0	<10	<10	<5.0	<10	<10
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	<10	<10	<5.0	<5.0	<10	<10	<5.0	<10	<10
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	**41.1 J**	**127 J**	**5.7**	<5.0	<10	<10	<5.0	<10	<10
Vinyl Chloride	2	**547**	**511**	**688**	**694**	**581**	**499**	**840**	**854**	**514**	**491**	**569**	**589**	**11.6**	**11.1**	<10	<10	**7.4**	**8.4**	<10	<10	<5.0	<10	<10
Other VOCs	n/a	1,045.6	1,011.9	944.4	958.7	803.5	724.5	890.5	935.7	738.2	720.8	623.7	633.1	5.4	0.0	1,091.5	1,291.7	19.1	13.4	0.0	0.0	7.7	123.6	0.0
Total VOCs	n/a	**5,767.1**	**5,554.2**	**6,854.4**	**7,419.7**	**5,527.4**	**5,419.2**	**6,376.6**	**6,539.6**	**4,769.2**	**4,549.8**	**4,578.9**	**4,750.1**	39.5	32.8	**1,285.6**	**1,614.9**	32.2	21.8	0.0	0.0	7.7	123.6	0.0
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]	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 2A
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																												
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	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
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	<1.0	<1.0	<1.0	<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	<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	<1.0	<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	<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	<1.0	<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	<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	<1.0	<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	<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	<1.0	<1.0	<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	<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	<1.0	<1.0	<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	<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	<1.0	<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	<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	<1.0	<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	<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	<1.0	<1.0	<1.0	<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 2A
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															MW-32															
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	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
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	<1.0	<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	<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	<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	<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	<1.0	<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	<1.0	<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	<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	<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	<1.0	<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 2A
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															MW-34															
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	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
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	<1.0	<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	<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	<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	<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	<1.0	<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	<1.0	<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	<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	<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	<1.0	<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 2A
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
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	1.8	<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-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
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	1.7	<1	<1	<1	1.9	<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 3
Surface Water Analytical Results (ug/L)
Third Site Superfund Site, Zionsville, Indiana

LOCATION	Surface Water Action Levels[1]	SW-03 (Page 1 of 3)																			
COLLECTION DATE		8/30/12	5/9/13	8/25/14	8/25/14	12/15/14	3/6/15	3/6/15	6/10/15	6/10/15	9/21/15	9/21/15	12/8/15	12/8/15	3/14/16	3/14/16	6/6/16	6/6/16	9/14/16	9/14/16	12/5/16
COMMENT					Duplicate			Duplicate		Duplicate		Duplicate		Duplicate		Duplicate		Duplicate		Duplicate	
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
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 COLLECTION DATE COMMENT	Surface Water Action Levels[1]	SW-03 (Page 3 of 3)														
		6/10/19	6/10/19 Duplicate	9/25/19	9/25/19 Duplicate	12/9/19	12/9/19 Duplicate	3/10/20	3/10/20 Duplicate	6/8/20	6/8/20 Duplicate	9/8/20	9/8/20 Duplicate	12/7/20	12/7/20 Duplicate	3/8/21
1,1-Dichloroethane	--	<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
cis-1,2-Dichloroethene	--	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1.5	1.5	<1	<1	<1
trans-1,2-Dichlorothene	1,350	<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-Trichloroethane	528	<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
Trichloroethene	81	<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

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
1,1-Dichloroethane	--	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-Dichloroethene	3.2	<1	<1	<1	<1	<1	<1	<1	<1	<1
cis-1,2-Dichloroethene	--	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,2-Dichlorothene	1,350	<1	<1	<1	<1	<1	<1	<1	<1	<1
Tetrachloroethene	8.85	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,1-Trichloroethane	528	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-Trichloroethane	42	<1	<1	<1	<1	<1	<1	<1	<1	<1
Trichloroethene	81	<1	<1	<1	<1	<1	<1	<1	<1	<1
Vinyl Chloride	20	<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
1,1-Dichloroethane	--	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-Dichloroethene	3.2	<1	<1	<1	<1	<1	<1	<1	<1	<1
cis-1,2-Dichloroethene	--	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,2-Dichlorothene	1,350	<1	<1	<1	<1	<1	<1	<1	<1	<1
Tetrachloroethene	8.85	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,1-Trichloroethane	528	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-Trichloroethane	42	<1	<1	<1	<1	<1	<1	<1	<1	<1
Trichloroethene	81	<1	<1	<1	<1	<1	<1	<1	<1	<1
Vinyl Chloride	20	<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-06			SW-06/07[3]	SW-06 (Page 1 of 2)														
COLLECTION DATE		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
COMMENT																				
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
1,1-Dichloroethane	--	<1	<1	<1	<1	<1	NS	<1	<1	<1
1,1-Dichloroethene	3.2	<1	<1	<1	<1	<1	NS	<1	<1	<1
cis-1,2-Dichloroethene	--	<1	<1	<1	<1	<1	NS	<1	<1	<1
trans-1,2-Dichlorothene	1,350	<1	<1	<1	<1	<1	NS	<1	<1	<1
Tetrachloroethene	8.85	<1	<1	<1	<1	<1	NS	<1	<1	<1
1,1,1-Trichloroethane	528	<1	<1	<1	<1	<1	NS	<1	<1	<1
1,1,2-Trichloroethane	42	<1	<1	<1	<1	<1	NS	<1	<1	<1
Trichloroethene	81	<1	<1	<1	<1	<1	NS	<1	<1	<1
Vinyl Chloride	20	<1	<1	<1	<1	<1	NS	<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 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
1,1-Dichloroethane	--	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-Dichloroethene	3.2	<1	<1	<1	<1	<1	<1	<1	<1	<1
cis-1,2-Dichloroethene	--	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,2-Dichlorothene	1,350	<1	<1	<1	<1	<1	<1	<1	<1	<1
Tetrachloroethene	8.85	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,1-Trichloroethane	528	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-Trichloroethane	42	<1	<1	<1	<1	<1	<1	<1	<1	<1
Trichloroethene	81	<1	<1	<1	<1	<1	<1	<1	<1	<1
Vinyl Chloride	20	<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	EW-1	EW-2	EW-3	EW-4	EW-5	Effluent Limts for	GAC-2 Eff.
COLLECTION DATE	Levels (GAL)[3]	6/9/16					Discharge[4]	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	EW-1	EW-2	EW-3	EW-4	EW-5	Effluent Limts for	GAC-2 Eff.
COLLECTION DATE	Levels (GAL)[3]	9/14/16					Discharge[4]	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	EW-1	EW-2	EW-3	EW-4	EW-5	Effluent Limts for	GAC-2 Eff.
COLLECTION DATE	Levels (GAL)[3]	12/7/16					Discharge[4]	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	EW-1	EW-2	EW-3	EW-4	EW-5	Effluent Limts for	GAC-2 Eff.
COLLECTION DATE	Levels (GAL)[3]	3/22/17					Discharge[4]	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	EW-1	EW-2	EW-3	EW-4	EW-5	Effluent Limts for	GAC-2 Eff.
COLLECTION DATE	Levels (GAL)[3]	6/15/17					Discharge[4]	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	EW-1	EW-2	EW-3	EW-4	EW-5	Effluent Limts for	GAC-2 Eff.
COLLECTION DATE	Levels (GAL)[3]	10/10/17					Discharge[4]	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	EW-1	EW-2	EW-3	EW-4	EW-5	Effluent Limts for	GAC-2 Eff.
COLLECTION DATE	Levels (GAL)[3]	12/13/17					Discharge[4]	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	EW-1	EW-2	EW-3	EW-4	EW-5	Effluent Limts for	GAC-2 Eff.
COLLECTION DATE	Levels (GAL)[3]	3/20/18					Discharge[4]	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	EW-1	EW-2	EW-3	EW-4	EW-5	Effluent Limts for	GAC-2 Eff.
COLLECTION DATE	Levels (GAL)[3]	6/13/18					Discharge[4]	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	EW-1	EW-2	EW-3	EW-4	EW-5	Effluent Limts for	GAC-2 Eff.
COLLECTION DATE	Levels (GAL)[3]	9/10/18					Discharge[4]	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	EW-1	EW-2	EW-3[5]	EW-4	EW-5	Effluent Limts for	GAC-2 Eff.
COLLECTION DATE	Levels (GAL)[3]	12/10/18					Discharge[4]	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	EW-1	EW-2	EW-3[5]	EW-4	EW-5	Effluent Limts for	GAC-2 Eff.
COLLECTION DATE	Levels (GAL)[3]	3/12/19					Discharge[4]	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	EW-1	EW-2	EW-3[5]	EW-4	EW-5	Effluent Limts for	GAC-2 Eff.
COLLECTION DATE	Levels (GAL)[3]	6/10/19					Discharge[4]	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	EW-1	EW-2	EW-3[5]	EW-4	EW-5	Effluent Limts for	GAC-2 Eff.
COLLECTION DATE	Levels (GAL)[3]	9/30/19					Discharge[4]	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	EW-1	EW-2	EW-3[5]	EW-4	EW-5	Effluent Limts for	GAC-2 Eff.
COLLECTION DATE	Levels (GAL)[3]	12/12/19					Discharge[4]	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	EW-1	EW-2	EW-3[5]	EW-4	EW-5	Effluent Limts for	GAC-2 Eff.
COLLECTION DATE	Levels (GAL)[3]	3/10/20					Discharge[4]	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	EW-1	EW-2	EW-3[5]	EW-4	EW-5	Effluent Limts for	GAC-2 Eff.
COLLECTION DATE	Levels (GAL)[3]	6/8/20					Discharge[4]	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	EW-1	EW-2[7]	EW-3[5]	EW-4	EW-5	Effluent Limts for	GAC-2 Eff.
COLLECTION DATE	Levels (GAL)[3]	9/9/20					Discharge[4]	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	EW-1	EW-2	EW-3[5]	EW-4	EW-5	Effluent Limts for	GAC-2 Eff.
COLLECTION DATE	Levels (GAL)[3]	12/8/20					Discharge[4]	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	EW-1	EW-2	EW-3[5]	EW-4	EW-5	Effluent Limts for	GAC-2 Eff.
COLLECTION DATE	Levels (GAL)[3]	3/8/21					Discharge[4]	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

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.

n/a = Not applicable

NS = Not sampled (due to ERH system)