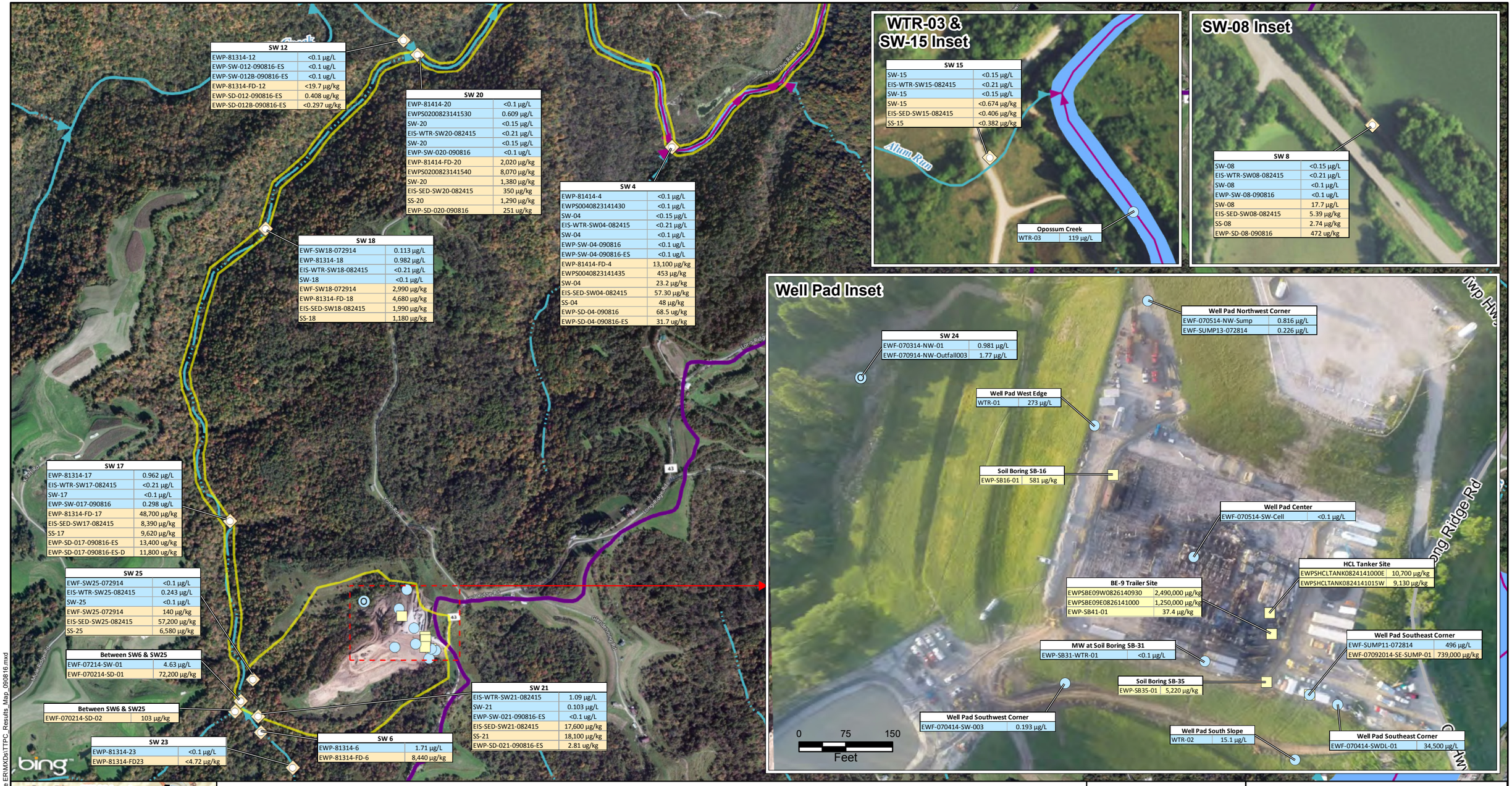
Eisenbarth Well Pad ER
TTPC Results Summary Table

Sample I.D.	TTPC Results	Sample Matrix	Sample Date / Time	Sample Location
WTR-01	273 ug/L	Water	6/28/2014 | 21:53	Well Pad West Edge
WTR-02	15.1 ug/L	Water	6/28/2014 | 22:21	Well Pad South Slope
WTR-03	119 ug/L	Water	6/29/2014 | 03:10	Opossum Creek
EWF-070214-SD-01	72,200 ug/kg	Sediment	7/02/2014 | 11:05	Between SW6 & SW25
EWF-07214-SW-01	4.63 ug/L	Water	7/02/2014 | 10:50	Between SW6 & SW25
EWF-070214-SD-02	103 ug/kg	Sediment	7/02/2014 | 11:05	Between SW6 & SW25
EWF-070314-NW-01	0.981 ug/L	Water	7/03/2014 | 10:00	SW 24
EWF-070414-SWDL-01	34,500 ug/L	Water	7/04/2014 | 13:50	SE corner of well pad
EWF-070414-SW-003	0.193 ug/L	Water	7/03/2014 | 18:30	SW slope of well pad
EWF-070514-NW-Sump	0.816 ug/L	Water	7/05/2014 | 15:30	NW corner of well pad
EWF-070514-SW-Cell	<.1 ug/L	Water	7/05/2014 | 10:30	Center of well pad
EWF-070914-NW-Outfall003	1.77 ug/L	Water	7/09/2014 | 11:45	SW 24
EWF-07092014-SE-SUMP-01	739,000 ug/kg	Sediment	7/09/2014 | 16:41	SE corner of well pad
EWF-SUMP11-072814	496 ug/L	Water	7/28/2014 | 17:15	SE corner of well pad
EWF-SUMP13-072814	0.226 ug/L	Water	7/28/2014 | 17:40	NW corner of well pad
EWF-SW18-072914	2,990 ug/kg	Sediment	7/29/2014 | 12:05	SW 18
EWF-SW18-072914	0.113 ug/kg	Water	7/29/2014 | 12:05	SW 18
EWF-SW25-072914	140 ug/kg	Sediment	7/29/2014 | 14:30	SW 25
EWF-SW25-072914	<0.1 ug/L	Water	7/29/2014 | 14:40	SW 25
EWP-81314-6	1.71 ug/L	Water	8/13/2014 | 17:15	SW 6
EWP-81314-FD-6	8,440 ug/kg	Sediment	8/13/2014 | 17:15	SW 6
EWP-81314-18	0.982 ug/L	Water	8/13/2014 | 12:55	SW 18
EWP-81314-FD-18	4,680 ug/kg	Sediment	8/13/2014 | 12:55	SW 18
EWP-81314-17	0.962 ug/L	Water	8/13/2014 |12:00	SW 17
EWP-81314-FD-17	48,700 ug/kg	Sediment	8/13/2014 |12:00	SW 17
EWP-81314-12	<0.1 ug/L	Water	8/13/2014 | 13:45	SW 12
EWP-81314-FD-12	<19.7 ug/kg	Sediment	8/13/2014 | 13:45	SW 12
EWP-81314-23	<0.1 ug/L	Water	8/13/2014 | 17:50	SW 23
EWP-81314-FD23	<4.72 ug/kg	Sediment	8/13/2014 | 17:50	SW 23
EWP-81414-4	<0.1 ug/L	Water	8/14/2014 | 11:35	SW 4
EWP-81414-FD-4	13,100 ug/kg	Sediment	8/14/2014 | 11:35	SW 4
EWP-81414-20	<0.1 ug/L	Water	8/14/2014 | 10:45	SW 20
EWP-81414-FD-20	2,020 ug/kg	Sediment	8/14/2014 | 10:45	SW 20
EWPS0040823141430	<0.1 ug/L	Water	8/23/2014 | 14:30	SW 4
EWPS0040823141435	453 ug/kg	Sediment	8/23/2014 | 14:35	SW 4
EWPS0200823141530	0.609 ug/L	Water	8/23/2014 | 15:30	SW 20
EWPS0200823141540	8,070 ug/kg	Sediment	8/23/2014 | 15:40	SW 20
EWPSHCLTANK0824141000	10,700 ug/kg	Soil	8/24/2014 | 10:00	HCL Tanker site
EWPSHCLTANK0824141015	9,130 ug/kg	Soil	8/24/2014 | 10:15	HCL Tanker site
EWPSBE09E0826141000	1,250,000 ug/kg	Soil	8/26/2014 | 10:00	BE-9 Trailer site
EWPSBE09W0826140930	2,490,000 ug/kg	Soil	8/26/2014 | 09:30	BE-9 Trailer site
EWP-SB16-01	581 ug/kg	Soil	12/04/2014 | 11:15	Soil Boring SB-16
EWP-SB35-01	5,220 ug/kg	Soil	12/15/2014 | 12:28	Soil Boring SB-35
EWP-SB41-01	37.4 ug/kg	Soil	12/16/2014 | 08:10	Soil Boring SB-41 & BE-9 Trailer site
EWP-SB31-WTR-01	<0.1 ug/L	Water	12/18/2014 | 08:50	MW in Soil Boring SB 31
SW-04	<0.15 ug/L	Water	7/15/2015 | 13:30	SW 4
SW-04	23.2 ug/kg	Sediment	7/15/2015 | 13:30	SW 4
SW-08	<0.15 ug/L	Water	7/15/2015 | 09:45	SW 8
SW-08	17.7 ug/L	Sediment	7/15/2015 | 09:45	SW 8
SW-15	<0.15 ug/L	Water	7/15/2015 | 09:45	SW 15
SW-15	<0.674 ug/kg	Sediment	7/15/2015 | 09:45	SW 15
SW-20	<0.15 ug/L	Water	7/15/2015 | 12:10	SW 20

Eisenbarth Well Pad ER
TTPC Results Summary Table

SW-20	1,380 ug/L	Sediment	7/15/2015 | 12:10	SW 20
EIS-WTR-SW04-082415	<0.21 ug/L	Water	8/24/2015 | 13:10	SW 4
EIS-WTR-SW08-082415	<0.21 ug/L	Water	8/24/2015 | 10:15	SW 8
EIS-WTR-SW15-082415	<0.21 ug/L	Water	8/24/2015 | 11:30	SW 15
EIS-WTR-SW17-082415	<0.21 ug/L	Water	8/24/2015 | 12:01	SW 17
EIS-WTR-SW18-082415	<0.21 ug/L	Water	8/24/2015 | 10:58	SW 18
EIS-WTR-SW20-082415	<0.21 ug/L	Water	8/24/2015 | 14:10	SW 20
EIS-WTR-SW21-082415	1.09 ug/L	Water	8/24/2015 | 13:56	SW 21
EIS-WTR-SW25-082415	0.243 ug/L	Water	8/24/2015 | 12:51	SW 25
EIS-SED-SW04-082415	57.30 ug/kg	Sediment	8/24/2015 | 13:10	SW 4
EIS-SED-SW08-082415	5.39 ug/kg	Sediment	8/24/2015 | 10:15	SW 8
EIS-SED-SW15-082415	<0.406 ug/kg	Sediment	8/24/2015 | 11:30	SW 15
EIS-SED-SW17-082415	8,390 ug/kg	Sediment	8/24/2015 | 12:01	SW 17
EIS-SED-SW18-082415	1,990 ug/kg	Sediment	8/24/2015 | 10:58	SW 18
EIS-SED-SW20-082415	350 ug/kg	Sediment	8/24/2015 | 14:10	SW 20
EIS-SED-SW21-082415	17,600 ug/kg	Sediment	8/24/2015 | 13:56	SW 21
EIS-SED-SW25-082415	57,200 ug/kg	Sediment	8/24/2015 | 12:51	SW 25
SW-04	<0.1 ug/L	Water	10/12/2015 | 12:30	SW 4
SS-04	48 ug/kg	Sediment	10/12/2015 | 12:45	SW 4
SW-08	<0.1 ug/L	Water	10/12/2015 | 12:45	SW 8
SS-08	2.74 ug/kg	Sediment	10/12/2015 | 11:00	SW 8
SW-15	<0.15 ug/L	Water	10/12/2015 | 11:35	SW 15
SS-15	<0.382 ug/kg	Sediment	10/12/2015 | 11:45	SW 15
SW-17	<0.1 ug/L	Water	10/12/2015 | 13:00	SW 17
SS-17	9,620 ug/kg	Sediment	10/12/2015 | 13:05	SW 17
SW-18	<0.1 ug/L	Water	10/12/2015 | 11:55	SW 18
SS-18	1,180 ug/kg	Sediment	10/12/2015 | 12:00	SW 18
SW-20	<0.15 ug/L	Water	10/12/2015 | 13:40	SW 20
SS-20	1,290 ug/kg	Sediment	10/12/2015 | 13:50	SW 20
SW-21	0.103 ug/L	Water	10/12/2015 | 14:30	SW 21
SS-21	18,100 ug/kg	Sediment	10/12/2015 | 14:35	SW 21
SW-25	<0.1 ug/L	Water	10/12/2015 | 13:40	SW-25
SS-25	6,580 ug/kg	Sediment	10/12/2015 | 13:45	SW-25
EWP-SD-012-090816-ES	0.408 ug/kg	Sediment	9/08/2016 | 13:45	SW 12
EWP-SD-012B-090816-ES	<0.297 ug/kg	Sediment	9/08/2016 | 16:50	SW 12
EWP-SD-017-090816-ES	13,400 ug/kg	Sediment	9/08/2016 | 14:40	SW 17
EWP-SD-017-090816-ES-D	11,800 ug/kg	Sediment	9/08/2016 | 14:40	SW 17
EWP-SD-020-090816-ES	251 ug/kg	Sediment	9/08/2016 | 12:55	SW 20
EWP-SD-021-090816-ES	2.81 ug/kg	Sediment	9/08/2016 | 10:30	SW 21
EWP-SD-04-090816	68.5 ug/kg	Sediment	9/08/2016 | 10:45	SW 4
EWP-SD-04-090816-ES	31.7 ug/kg	Sediment	9/08/2016 | 10:45	SW 4
EWP-SD-08-090816	472 ug/kg	Sediment	9/08/2016 | 18:35	SW 8
EWP-SW-012-090816-ES	<0.1 ug/L	Water	9/08/2016 | 13:20	SW 12
EWP-SW-012B-090816-ES	<0.1 ug/L	Water	9/08/2016 | 16:20	SW 12
EWP-SW-017-090816	0.298 ug/L	Water	9/08/2016 | 11:50	SW 17
EWP-SW-020-090816	<0.1 ug/L	Water	9/08/2016 | 12:45	SW 20
EWP-SW-021-090816-ES	<0.1 ug/L	Water	9/08/2016 | 10:05	SW 21
EWP-SW-04-090816	<0.1 ug/L	Water	9/08/2016 | 10:25	SW 4
EWP-SW-04-090816-ES	<0.1 ug/L	Water	9/08/2016 | 10:25	SW 4
EWP-SW-08-090816	<0.1 ug/L	Water	9/08/2016 | 18:30	SW 4
Trip Blank	<0.1 ug/L	Water	9/08/2016 | 9:30	Trip Blank



SW 12	
EWP-81314-12	<0.1 µg/L
EWP-SW-012-090816-ES	<0.1 ug/L
EWP-SW-012B-090816-ES	<0.1 ug/L
EWP-81314-FD-12	<19.7 µg/kg
EWP-SD-012-090816-ES	0.408 ug/kg
EWP-SD-012B-090816-ES	<0.297 ug/kg

SW 20	
EWP-81414-20	<0.1 µg/L
EWPS0200823141530	0.609 µg/L
SW-20	<0.15 µg/L
EIS-WTR-SW20-082415	<0.21 µg/L
SW-20	<0.15 µg/L
EWP-SW-020-090816	<0.1 ug/L
EWP-81414-FD-20	2,020 µg/kg
EWPS0200823141540	8,070 µg/kg
SW-20	1,380 µg/kg
EIS-SED-SW20-082415	350 µg/kg
SS-20	1,290 µg/kg
EWP-SD-020-090816	251 ug/kg

SW 4	
EWP-81414-4	<0.1 µg/L
EWPS0040823141430	<0.1 µg/L
SW-04	<0.15 µg/L
EIS-WTR-SW04-082415	<0.21 µg/L
SW-04	<0.1 µg/L
EWP-SW-04-090816	<0.1 ug/L
EWP-SW-04-090816-ES	<0.1 ug/L
EWP-81414-FD-4	13,100 µg/kg
EWPS0040823141435	453 µg/kg
SW-04	23.2 µg/kg
EIS-SED-SW04-082415	57.30 µg/kg
SS-04	48 µg/kg
EWP-SD-04-090816	68.5 ug/kg
EWP-SD-04-090816-ES	31.7 ug/kg

SW 18	
EWF-SW18-072914	0.113 µg/L
EWP-81314-18	0.982 µg/L
EIS-WTR-SW18-082415	<0.21 µg/L
SW-18	<0.1 µg/L
EWF-SW18-072914	2,990 µg/kg
EWP-81314-FD-18	4,680 µg/kg
EIS-SED-SW18-082415	1,990 µg/kg
SS-18	1,180 µg/kg

SW 17	
EWP-81314-17	0.962 µg/L
EIS-WTR-SW17-082415	<0.21 µg/L
SW-17	<0.1 µg/L
EWP-SW-017-090816	0.298 ug/L
EWP-81314-FD-17	48,700 µg/kg
EIS-SED-SW17-082415	8,390 µg/kg
SS-17	9,620 µg/kg
EWP-SD-017-090816-ES	13,400 ug/kg
EWP-SD-017-090816-ES-D	11,800 ug/kg

SW 25	
EWF-SW25-072914	<0.1 µg/L
EIS-WTR-SW25-082415	0.243 µg/L
SW-25	<0.1 µg/L
EWF-SW25-072914	140 µg/kg
EIS-SED-SW25-082415	57,200 µg/kg
SS-25	6,580 µg/kg

Between SW6 & SW25	
EWF-07214-SW-01	4.63 µg/L
EWF-070214-SD-01	72,200 µg/kg

Between SW6 & SW25	
EWF-070214-SD-02	103 µg/kg

SW 23	
EWP-81314-23	<0.1 µg/L
EWP-81314-FD23	<4.72 µg/kg

SW 6	
EWP-81314-6	1.71 µg/L
EWP-81314-FD-6	8,440 µg/kg

SW 21	
EIS-WTR-SW21-082415	1.09 µg/L
SW-21	0.103 µg/L
EWP-SW-021-090816-ES	<0.1 ug/L
EIS-SED-SW21-082415	17,600 µg/kg
SS-21	18,100 µg/kg
EWP-SD-021-090816-ES	2.81 ug/kg

SW 15	
SW-15	<0.15 µg/L
EIS-WTR-SW15-082415	<0.21 µg/L
SW-15	<0.15 µg/L
SW-15	<0.674 µg/kg
EIS-SED-SW15-082415	<0.406 µg/kg
SS-15	<0.382 µg/kg

Opossum Creek	
WTR-03	119 µg/L

SW 8	
SW-08	<0.15 µg/L
EIS-WTR-SW08-082415	<0.21 µg/L
SW-08	<0.1 µg/L
EWP-SW-08-090816	<0.1 ug/L
SW-08	17.7 µg/L
EIS-SED-SW08-082415	5.39 µg/kg
SS-08	2.74 µg/kg
EWP-SD-08-090816	472 ug/kg

Well Pad Northwest Corner	
EWF-070514-NW-Sump	0.816 µg/L
EWF-SUMP13-072814	0.226 µg/L

SW 24	
EWF-070314-NW-01	0.981 µg/L
EWF-070914-NW-Outfall003	1.77 µg/L

Well Pad West Edge	
WTR-01	273 µg/L

Soil Boring SB-16	
EWP-SB16-01	581 µg/kg

Well Pad Center	
EWF-070514-SW-Cell	<0.1 µg/L

HCL Tanker Site	
EWPSHCLTANK0824141000E	10,700 µg/kg
EWPSHCLTANK0824141015W	9,130 µg/kg

BE-9 Trailer Site	
EWPSBE09W0826140930	2,490,000 µg/kg
EWPSBE09E0826141000	1,250,000 µg/kg
EWP-SB41-01	37.4 µg/kg

MW at Soil Boring SB-31	
EWP-SB31-WTR-01	<0.1 µg/L

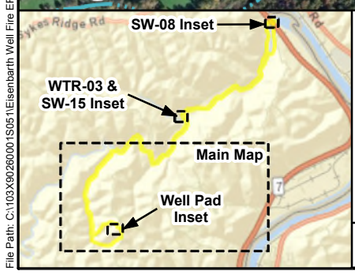
Well Pad Southeast Corner	
EWF-SUMP11-072814	496 µg/L
EWF-07092014-SE-SUMP-01	739,000 µg/kg

Soil Boring SB-35	
EWP-SB35-01	5,220 µg/kg

Well Pad Southwest Corner	
EWF-070414-SW-003	0.193 µg/L

Well Pad South Slope	
WTR-02	15.1 µg/L

Well Pad Southeast Corner	
EWF-070414-SWDL-01	34,500 µg/L



Legend

- Outfall Sample
- Surface Water and Sediment Sample
- Soil Sample
- Water Sample
- Approximate Site Boundary (Includes well pad, adjacent slopes & outline of surface water pathway)

Sample Location	
Sample I.D.	TTPC Water Results
Sample I.D.	TTPC Sediment Results
Sample I.D.	TTPC Soil Results

Sources: Bing Maps Hybrid Imagery 2010-2012, National Hydrology Dataset, 2015.

EPA Contract No.: EP-S5-13-01

TDD No.: S05-0001-1406-016

N

500 0 500

Feet

Eisenbarth Well Fire
Emergency Response

Figure 1

TTPC Sampling Results

TETRA TECH

Prepared For: USEPA Region V

Prepared By: dale.vonbusch

File Path: C:\103X9026000\1S051\Eisenbarth Well Fire ER\MXDs\TTPC_Results_Map_090816.mxd

Date Saved: 12/9/2016