

Lower Hawthorn Benzene Concentrations, Koppers Site, 2003 - 2009

● Hawthorn Well
● Hawthorn Well with NAPL Detected
● Hawthorn Well with NAPL Recovered
● Proposed Hawthorn Well
 Koppers DNAPL Source Area

Note: NAPL detection/recovery designations are based on the GeoTrans, October 2009 Monthly Progress Report Passive NAPL Recovery Table

Bold = Benzene Concentration is at or above GCTL (1 ug/L)

*** = Value Represents Average of Primary and Duplicate Samples

** = Estimated Value

* = Below Laboratory Detection Limit



Well ID	June 03	Nov. 03	Apr. 04
HG-07	-	-	-

Well ID	June 03	Nov. 03	Apr. 04
HG-17D	-	-	-

Well ID	Dec. 07	Sept. 08	Aug. 09
HG-25D	-	-	-

Well ID	July 04	Sept. 08
HG-16D	19.6	17

Well ID	June 03	Nov. 03	Apr. 04
HG-05D	10	8.9*	2.0*
			0.51 J
			4.6

Well ID	June 03	Nov. 03	Apr. 04
HG-08	-	-	-

Well ID	Dec. 07	Sept. 08	Aug. 09
HG-23D	-	-	-

Well ID	July 04	Sept. 08
HG-10D	137	105*

Well ID	June 03	Nov. 03	Apr. 04
HG-02D	128.5*	139*	93.7*
			5.4
			11

Well ID	Sept. 08	Aug. 09
HG-22D	-	-

Well ID	June 03	Nov. 03	Apr. 04
ITF-01	-	0.58	-

Well ID	Aug. 09
HG-27D	-

Well ID	Dec. 07	Sept. 08	Aug. 09
HG-21D	-	-	-
ITF-2	-	-	-
HG-21S	14	37.5*	48

Well ID	June 03	Nov. 03	Apr. 04
ITF-02	-	-	-

HG-28D HG-28S

Well ID	Dec. 07	Sept. 08	Aug. 09
HG-20D	0.47 J	-	0.51 J*

Well ID	June 03	Nov. 03	Apr. 04
HG-04I	28	35	25
			15
			18

Well ID	June 03	Nov. 03	Apr. 04
HG-04D	20	24.65*	19.2
			0.84 J
			20

Well ID	June 03	Nov. 03	Apr. 04
ITF-03	-	-	-

Well ID	Aug. 09
HG-29D	150

Well ID	July 04	Sept. 08
HG-12D	86.05*	9.2

Well ID	June 03	Nov. 03	Apr. 04
HG-06D	-	39	36.7*
			37
			44

Well ID	Dec. 07	Sept. 08	Aug. 09
HG-26D	0.38 J	0.965*	2.8

HG-12S HG-12D

HG-13S

HG-9S

HG-11S

HG-15S

ITF-4

HG-22D

HG-2S HG-2D

HG-8

HG-5S HG-5D

HG-10S

HG-10S

HG-10S

HG-10S

HG-10S

HG-4S

HG-4D

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Lower Hawthorn 2,4-Dimethylphenol Concentrations, Koppers Site, 2003 - 2009

● Hawthorn Well
● Hawthorn Well with NAPL Detected
● Hawthorn Well with NAPL Recovered
● Proposed Hawthorn Well
 Koppers Source Area

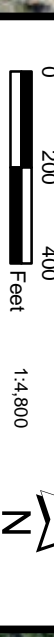
Note: NAPL detection/recovery designations are based on the GeoTrans October 2009 Monthly Progress Report Passive NAPL Recovery Table

Bold = 2,4-Dimethylphenol Concentration is at or above GC-TL (140 ug/L)

*** = Value Represents Average of Primary and Duplicate Samples

** J * = Estimated Value

* = Below Laboratory Detection Limit



Well ID	June 03	Nov. 03	Apr. 04
HG-07	-	-	-

Well ID	Nov. 04
HG-17D	-

Well ID	Dec. 07	Sept. 08	Aug. 09
HG-25D	-	-	-

Well ID	July 04	Sept. 08
HG-16D	447	710

Well ID	June 03	Nov. 03	Apr. 04
HG-05D	-	110	34.55*
			1.2 J
			12

Well ID	June 03	Nov. 03	Apr. 04
HG-08	-	-	-

Well ID	Dec. 07	Sept. 08	Aug. 09
HG-23D	-	-	-

Well ID	July 04	Sept. 08
HG-10D	7,060	5,450*

Well ID	June 03	Nov. 03	Apr. 04
HG-02D	-	5,960	5,490*
			67
			400

Well ID	Sept. 08	Aug. 09
HG-22D	-	-

Well ID	June 03	Nov. 03	Apr. 04
ITF-01	-	-	-

Well ID	Aug. 09
HG-27D	1.5 J

Well ID	June 03	Nov. 03	Apr. 04
HG-21D	-	-	-
ITF-02	-	-	-

Well ID	Dec. 07	Sept. 08	Aug. 09
HG-21D	550	1,100*	2,300

HG-28D HG-28S

Well ID	Dec. 07	Sept. 08	Aug. 09
HG-20D	28	24	34*

Well ID	June 03	Nov. 03	Apr. 04	Dec. 07	Sept. 08
HG-04I	-	887	944	270	220

Well ID	June 03	Nov. 03	Apr. 04	Dec. 07	Sept. 08
HG-04D	-	305	526	430	570

Well ID	June 03	Nov. 03	Apr. 04
ITF-03	-	-	-

Well ID	Aug. 09
HG-29D	2,200

Well ID	July 04	Sept. 08
HG-12D	2,710	39

Well ID	June 03	Nov. 03	Apr. 04	Dec. 07	Sept. 08
HG-06D	-	685	632*	490*	580

Well ID	Dec. 07	Sept. 08	Aug. 09
HG-26D	8.5	29.5*	61

