

TABLE 1
RATE OF REDUCTION (ROR) AND ESTIMATED
DISTANCE (ED) TO COMPLIANCE FOR BENZENE,
NAPHTHALENE, AND GASOLINE

Astro #503
Former Holts Shopping Center
13230 SE Orient Drive, Boring, OR
DEQ File No. 03-93-0024

Benzene Residential IIT Extent (RBC = 0.46 ppb)

A1		A2		Distance (ft)	ROR (ft/ft)	ED (ft)
Well ID	Concentration (ppb)	Well ID	Concentration (ppb)	(A1 → A2)	(A1-A2)/Distance	(A1-RBC)/ROR
<i>MW-2</i>	388	<i>MW-1</i>	0.5	57	6.8	57.0
<i>MW-2</i>	388	<i>MW-4</i>	0.904	136	2.8	136.2
<i>MW-3</i>	50	<i>MW-4</i>	0.904	175	0.3	176.6
<i>MW-3</i>	50	<i>P18</i>	1	41	1.2	41.5

Naphthalene Residential IIT Extent (RBC = 0.17 ppb)

A1		A2		Distance (ft)	ROR (ft/ft)	ED (ft)
Well ID	Concentration (ppb)	Well ID	Concentration (ppb)	(A1 → A2)	(A1-A2)/Distance	(A1-RBC)/ROR
<i>MW-2</i>	250	<i>MW-1</i>	2.5	57	4.3	57.5
<i>MW-2</i>	250	<i>MW-4</i>	3.15	136	1.8	137.6
<i>MW-3</i>	250	<i>MW-4</i>	3.15	175	1.4	177.1
<i>MW-3</i>	250	<i>P18</i>	2	41	6.0	41.3

Gasoline Residential IIT Extent (RBC = 110 ppb)

A1		A2		Distance (ft)	ROR (ft/ft)	ED (ft)
Well ID	Concentration (ppb)	Well ID	Concentration (ppb)	(A1 → A2)	(A1-A2)/Distance	(A1-RBC)/ROR
<i>MW-2</i>	9,770	<i>MW-1</i>	265	57	166.8	57.9
<i>MW-2</i>	9,770	<i>MW-4</i>	1010	136	64.4	150.0
<i>MW-3</i>	20,000	<i>MW-4</i>	1010	175	108.5	183.3
<i>MW-3</i>	20,000	<i>P18</i>	80	41	485.9	40.9

Table 1 (Continued)

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Benzene Residential VIB Extent (RBC = 2.8 ppb)

A1		A2		Distance (ft)	ROR (ft/ft)	ED (ft)
Well ID	Concentration (ppb)	Well ID	Concentration (ppb)	(A1 → A2)	(A1-A2)/Distance	(A1-RBC)/ROR
<i>MW-2</i>	388	<i>MW-1</i>	0.5	57	6.8	56.7
<i>MW-2</i>	388	<i>MW-4</i>	0.904	136	2.8	135.3
<i>MW-3</i>	50	<i>MW-4</i>	0.904	175	0.3	168.2
<i>MW-3</i>	50	<i>P18</i>	1	41	1.2	39.5

Naphthalene Residential VIB Extent (RBC = 11 ppb)

A1		A2		Distance (ft)	ROR (ft/ft)	ED (ft)
Well ID	Concentration (ppb)	Well ID	Concentration (ppb)	(A1 → A2)	(A1-A2)/Distance	(A1-RBC)/ROR
<i>MW-2</i>	250	<i>MW-1</i>	2.5	57	4.3	55.0
<i>MW-2</i>	250	<i>MW-4</i>	3.15	136	1.8	131.7
<i>MW-3</i>	250	<i>MW-4</i>	3.15	175	1.4	169.4
<i>MW-3</i>	250	<i>P18</i>	2	41	6.0	39.5

Gasoline Residential VIB Extent (RBC = 120 ppb)

A1		A2		Distance (ft)	ROR (ft/ft)	ED (ft)
Well ID	Concentration (ppb)	Well ID	Concentration (ppb)	(A1 → A2)	(A1-A2)/Distance	(A1-RBC)/ROR
<i>MW-2</i>	9,770	<i>MW-1</i>	265	57	166.8	57.9
<i>MW-2</i>	9,770	<i>MW-4</i>	1010	136	64.4	149.8
<i>MW-3</i>	20,000	<i>MW-4</i>	1010	175	108.5	183.2
<i>MW-3</i>	20,000	<i>P18</i>	80	41	485.9	40.9

Table 1 (Continued)

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Astro #503 - Former Holts Shopping Center

Benzene Occupational VIB Extent (RBC = 12 ppb)

A1		A2		Distance (ft)	ROR (ft/ft)	ED (ft)
Well ID	Concentration (ppb)	Well ID	Concentration (ppb)	(A1 → A2)	(A1-A2)/Distance	(A1-RBC)/ROR
<i>MW-2</i>	388	<i>MW-1</i>	0.5	57	6.8	55.3
<i>MW-2</i>	388	<i>MW-4</i>	0.904	136	2.8	132.1
<i>MW-3</i>	50	<i>MW-4</i>	0.904	175	0.3	135.4
<i>MW-3</i>	50	<i>P18</i>	1	41	1.2	31.8

Naphthalene Occupational VIB Extent (RBC = 50 ppb)

A1		A2		Distance (ft)	ROR (ft/ft)	ED (ft)
Well ID	Concentration (ppb)	Well ID	Concentration (ppb)	(A1 → A2)	(A1-A2)/Distance	(A1-RBC)/ROR
<i>MW-2</i>	250	<i>MW-1</i>	2.5	57	4.3	46.1
<i>MW-2</i>	250	<i>MW-4</i>	3.15	136	1.8	110.2
<i>MW-3</i>	250	<i>MW-4</i>	3.15	175	1.4	141.8
<i>MW-3</i>	250	<i>P18</i>	2	41	6.0	33.1

Gasoline Occupational VIB Extent (RBC = 520 ppb)

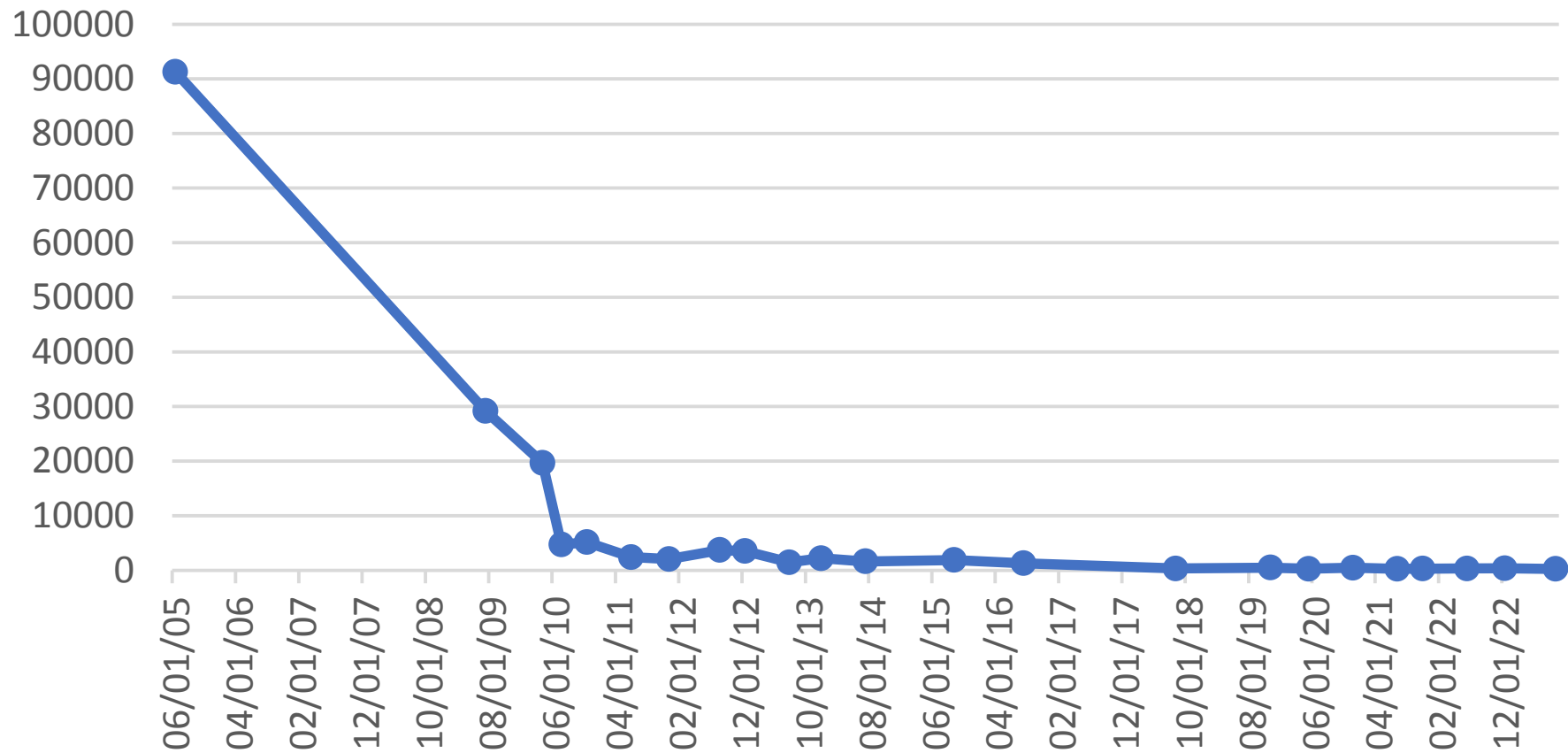
A1		A2		Distance (ft)	ROR (ft/ft)	ED (ft)
Well ID	Concentration (ppb)	Well ID	Concentration (ppb)	(A1 → A2)	(A1-A2)/Distance	(A1-RBC)/ROR
<i>MW-2</i>	9,770	<i>MW-1</i>	265	57	166.8	55.5
<i>MW-2</i>	9,770	<i>MW-4</i>	1010	136	64.4	143.6
<i>MW-3</i>	20,000	<i>MW-4</i>	1010	175	108.5	179.5
<i>MW-3</i>	20,000	<i>P18</i>	80	41	485.9	40.1

Gasoline Construction & Excavation GWE Extent (RBC = 14,000 ppb)

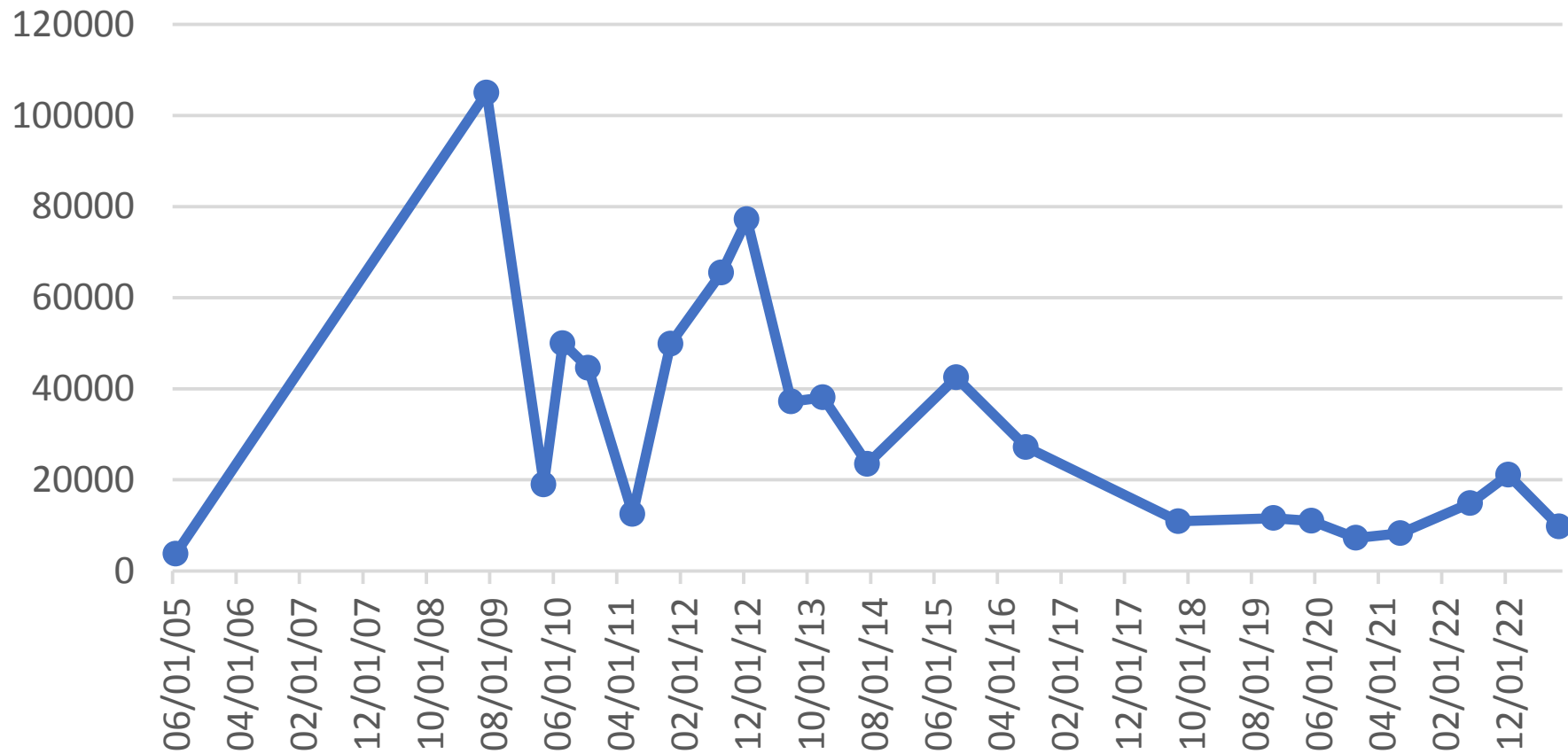
A1		A2		Distance (ft)	ROR (ft/ft)	ED (ft)
Well ID	Concentration (ppb)	Well ID	Concentration (ppb)	(A1 → A2)	(A1-A2)/Distance	(A1-RBC)/ROR
<i>MW-3</i>	20,000	<i>P18</i>	80	41	485.9	12.3
<i>MW-3</i>	20,000	<i>MW-2</i>	9770	75	136.4	44.0
<i>MW-3</i>	20,000	<i>MW-4</i>	1010	175	108.5	55.3

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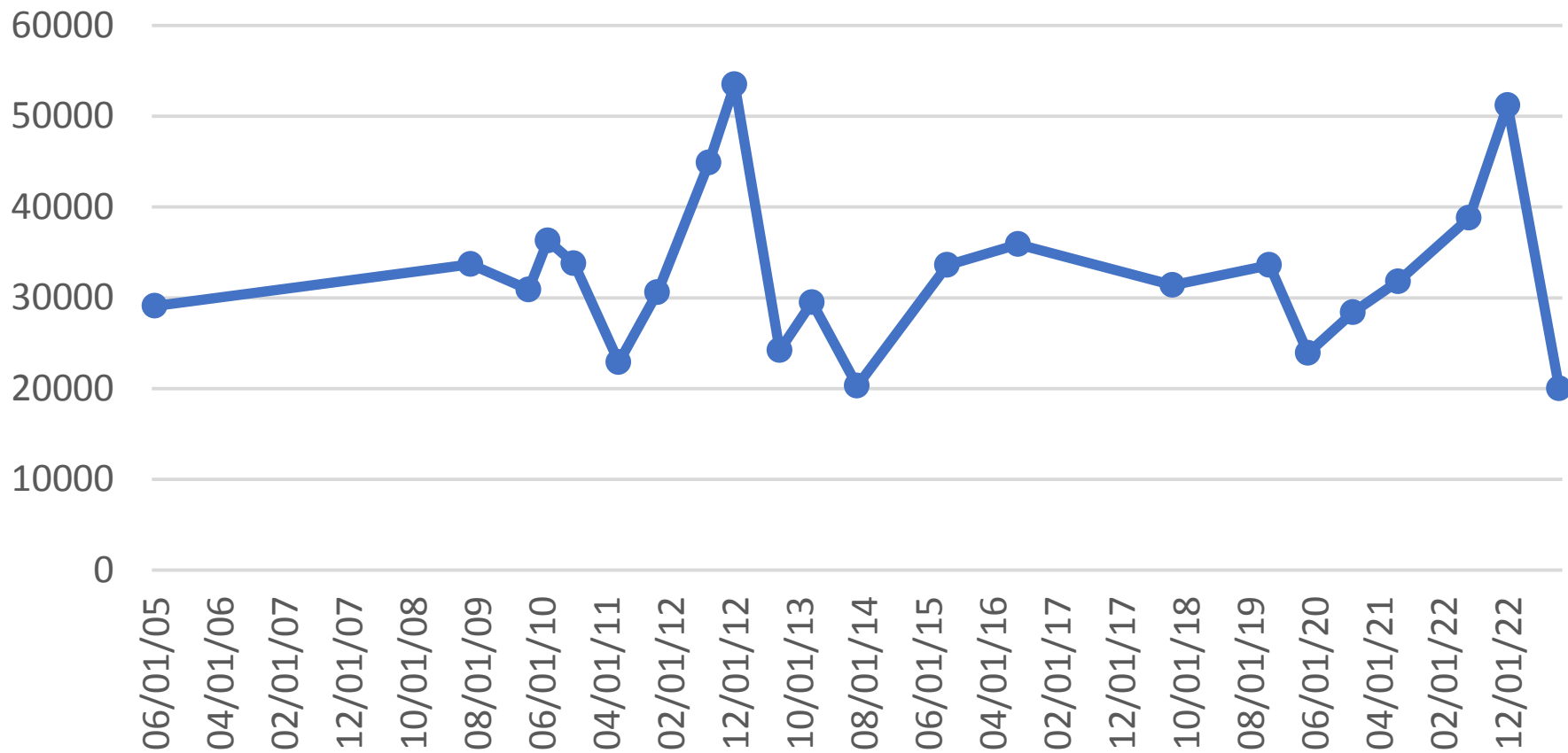
MW-1 Gasoline Vs Time



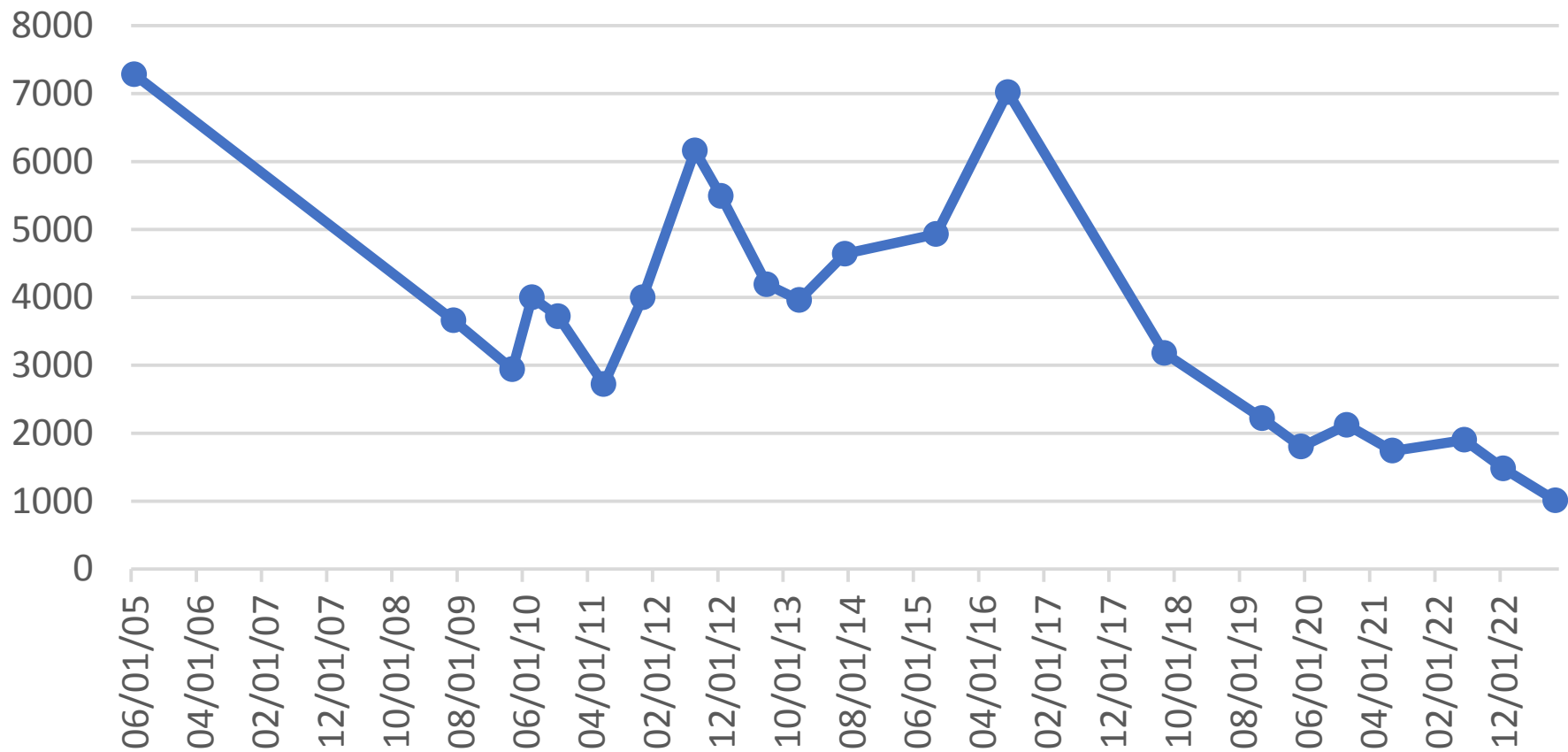
MW-2 Gasoline Vs Time



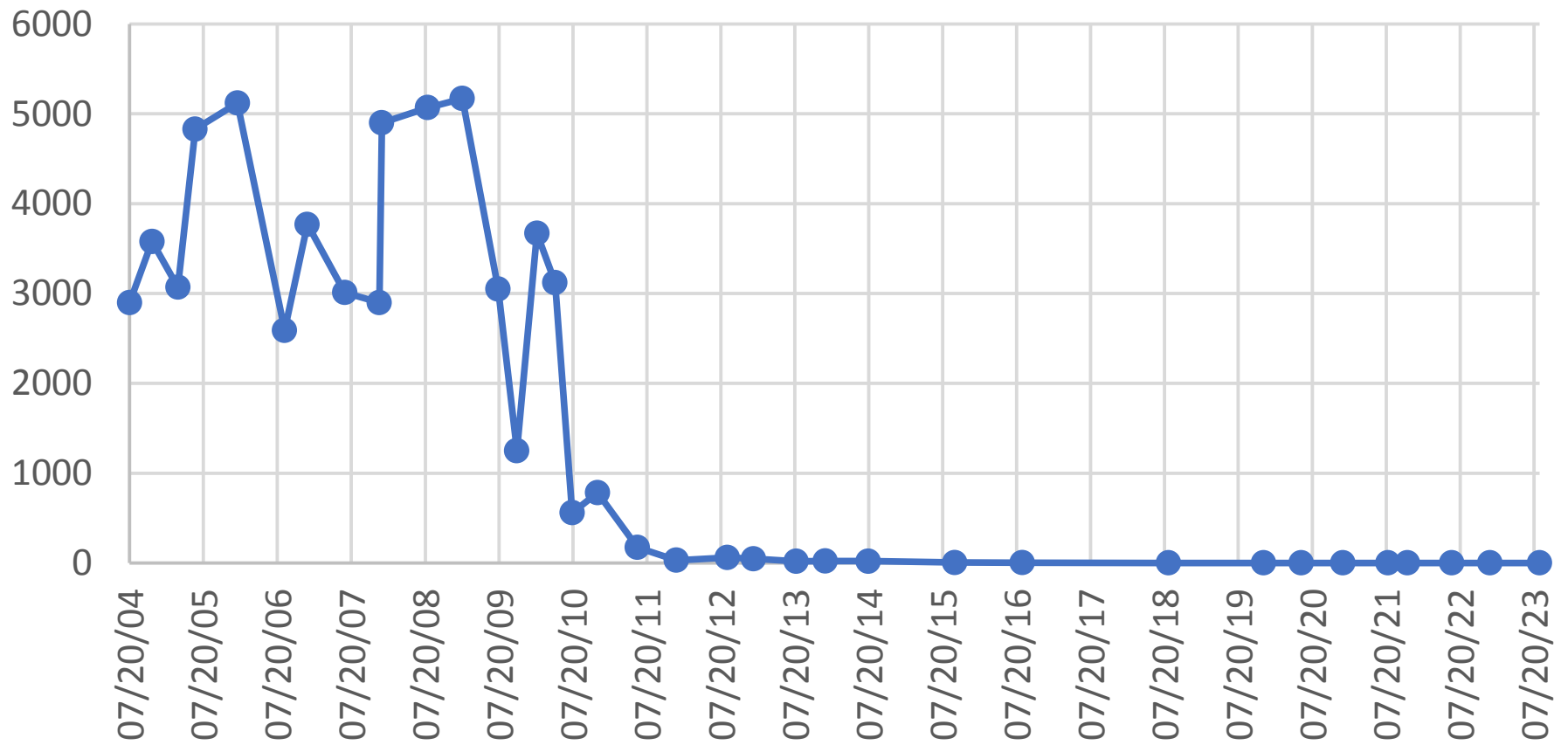
MW-3 Gasoline Vs Time



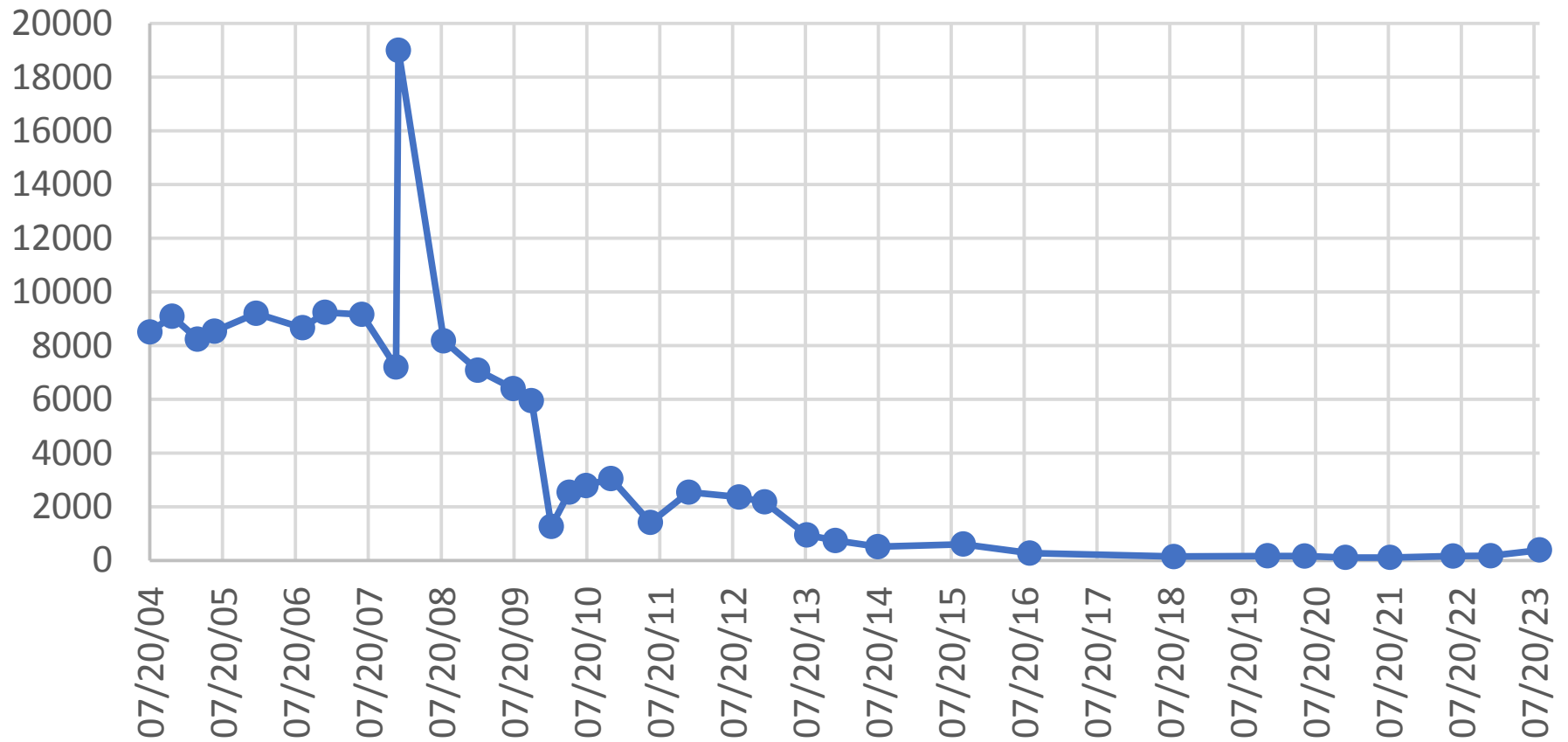
MW-4 Gasoline Vs Time



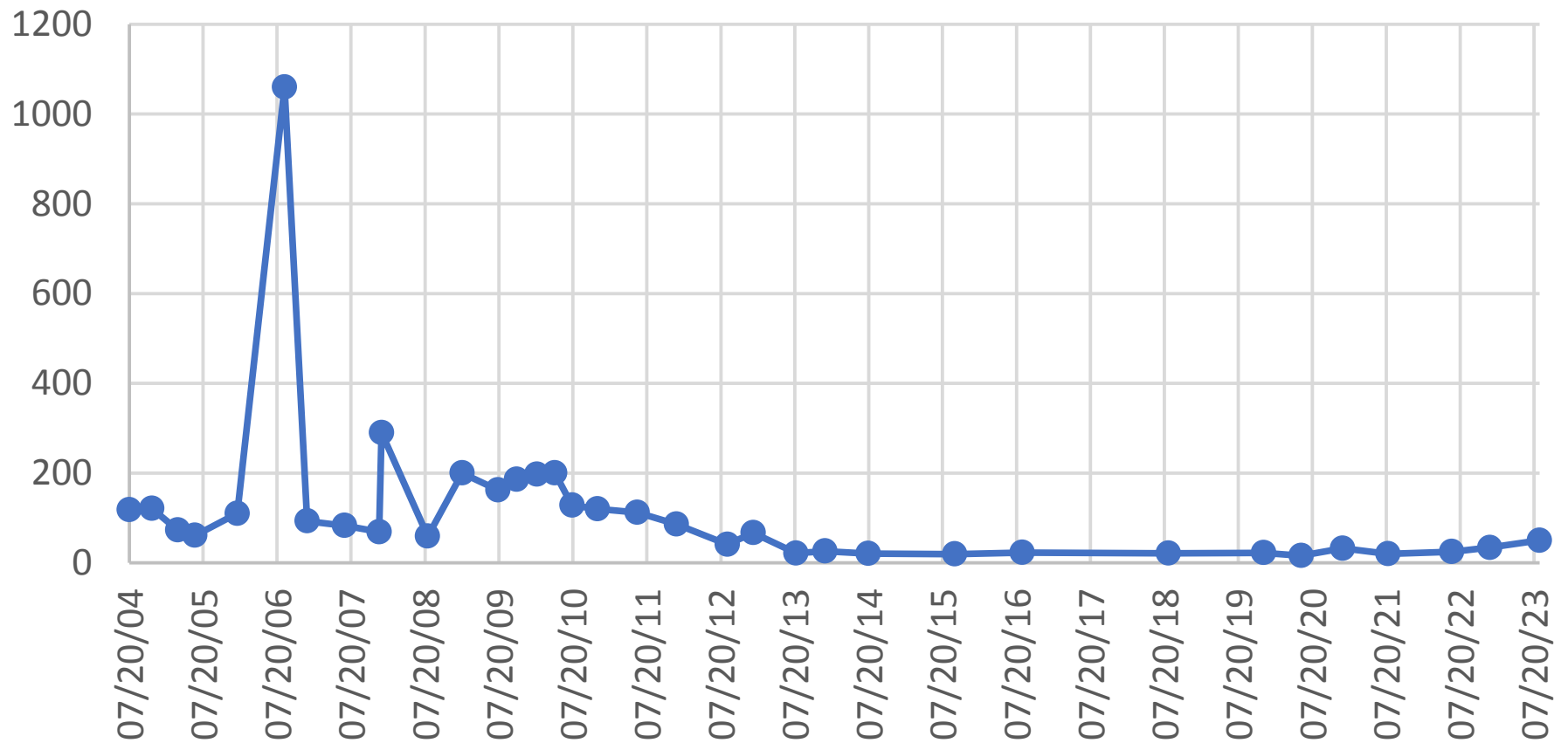
MW-1 Benzene Vs Time



MW-2 Benzene Vs Time



MW-3 Benzene Vs Time



MW-4 Benzene Vs Time

