955108

TABLE - Jennison Wright Superfund Site
Third Quarter 2020 Groundwater Analysis vs Site CUO and Taco Tier I Objectives

Jennison Wright		23D			5S			22D			20D			5D			21D			Proposed CUO	IEPA TACO Tier I
Analyte	**Unit**	**Result**			**Result**			**Result**			**Result**			**Result**			**Result**			**µg/L**	**µg/L**
VOCs - 8260B																					
Benzene	µg/L		4.2			510			170			0.2			1.3			**8110**		10	5
SVOCs - 8270D																					
Naphthalene	µg/L		**8850**			**12900**			**13300**			**78.20**			**975**			**14100000**		400	25
Chrysene	µg/L	<	1	R		**2.1**		<	0.6	M		0.15			0.30			**1600000**		4	1.5
Benzo(a)anthracene	µg/L	<	**0.6**	M		**4.9**			**1.3**			**0.36**			0.70			**2000000**		0.13	0.13
Benzo(b)fluoranthene	µg/L	<	**0.4**	M		**2.2**			**0.5**			0.1			0.29			**1200000**		0.18	0.18
Benzo(k)fluoranthene	µg/L	<	**0.4**	M		**0.7**		<	**0.4**	M		0.04			0.09			**420000**		0.4	0.17
Pentachlorophenol	µg/L	<	**20**	M		**518**			**50**			**6**			**25**			**2900000**		1	1
2,4-Dimethylphenol	µg/L	<	100	R		**1640**			133		<	10	R		16		<	**1250000**	M	200	140
2-Methylphenol (o-cresol)	µg/L	<	100	R		41			17		<	10	R	<	10	R	<	**1330000**	M	500	350
2-Methylnathalene	µg/L		171			454			429			4			36			13800000			NA
Acenapthene	µg/L		234			337			303			53.2			23.7			**5930000**			420
Dibenzofuran	µg/L		100			168			159			10			12			3600000			NA
Flourene	µg/L		107			172			148			22.8			14.1			**5390000**			280
Phenanthrene	µg/L		84.5			148			158			3.96			20.8			16400000			NA
2,4-Dichlorophenol	µg/L	<	20	M	<	20	M		**296**			10		<	10	R	<	**1500000**	M		21
Carbazole	µg/L		433			487			496			4			30		<	1740000	M		NA
Acenaphthylene	µg/L		9			33.6			25.2			0.95			2.3			500000			NA
Anthracene	µg/L		6			17.7			8.6			1.21			2.38			**1900000**			2100
Fluoranthene	µg/L		10.6			31.6			2.07			7.58			5.84			**8060000**			280
Pyrene	µg/L		6.3			20.4			12.5			4.31			3.82			**6470000**			210
Phenol	µg/L	<	50	R	<	50	M	<	50	R	<	5	R	<	5	R	<	**1290000**	M		100
Pesticides 8180B																					
alpha-BHC	µg/L	<	0.44	M	<	**0.44**	M	<	**0.44**	M	<	0.02	M	<	0.26	M		**700**		0.03	0.03
Metals (ICP) - 6010B												2									
Manganese	µg/L		553			4800			2220			1560			10			530		200	

Red shaded cells indicate an exceedence of proposed clean up objectives
Bold values indicate an exceedence of IEPA TACO Tier I objectives
R - Result is less than the reporting limit.
M-Results is less than MDL

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Third Quarter 2020 Groundwater Analysis vs Site CUO and Taco Tier I Objectives

Jennison Wright																						
			18S			17S			6D			6M			8M			8S			Proposed CUO	IEPA TACO Tier I
Analyte	Unit		Result			Result			Result			Result			Result			Result			µg/L	µg/L
VOCs - 5030, 8260B																						
Benzene	µg/L		**48**			95.3			3.5		<	0.5	R		0.4			1.2			10	5
SVOCs - 3510C, 8270C Sims, 8270C																						
Naphthalene	µg/L		**138**			**967**			23.1			11.6			1.03			**68.3**			400	25
Chrysene	µg/L	<	0.4	M	<	0.4	M		0.06			0.06			0.4		<	1	R		4	1.5
Benzo(a)anthracene	µg/L	<	0.6	M	<	0.6	M		0.07		<	0.10	R		0.85		<	0.6	M		0.13	0.13
Benzo(b)fluoranthene	µg/L	<	0.4	M	<	0.4	M		0.04		<	0.1	R		0.41		<	0.4	M		0.18	0.18
Benzo(k)fluoranthene	µg/L	<	0.4	M	<	0.4	M	<	0.1	R	<	0.1	R		0.12		<	**0.4**	M		0.4	0.17
Pentachlorophenol	µg/L	<	**20**	M	<	**20**	M		**3**			**3**			**65**			**56600**			1	1
2,4-Dimethylphenol	µg/L		64			281		<	10	R	<	10	R	<	10	R	<	100	R		200	140
2-Methylphenol (o-cresol)	µg/L	<	100	R	<	100	R	<	10	R	<	10	R	<	10	R	<	100	R		500	350
2-Methylnathalene	µg/L	<	100	R		44		<	10	R	<	10	R	<	10	R		62				NA
Acenapthene	µg/L		70.5			73.6			1.77			2.39			0.15			8.2				420
Dibenzofuran	µg/L	<	100	R		38		<	10	R	<	10	R		3		<	100	R			NA
Flourene	µg/L		8.9			33.3			1.59			2.9			6.28			7.1				280
Phenanthrene	µg/L		15.2			27.2			4.54			8.93			16.5			1.21				NA
2,4-Dichlorophenol	µg/L	<	20	M	<	20	M	<	10	R	<	**10**	R	<	10	R	<	20	M			21
Carbazole	µg/L		71			160			3		<	20	R		10		<	200	R			NA
Acenaphthylene	µg/L		0.8			3.9			0.07			0.06			0.15		<	1	R			NA
Anthracene	µg/L		1.5			1.4			0.43			0.72			1.66			1.7				2100
Fluoranthene	µg/L		3.5			2.9			1.24			2.31			5.57			3				280
Pyrene	µg/L		2.2			1.9			0.78			1.45			3.88			1.9				210
Phenol	µg/L	<	50	R	<	50	R	<	5	R	<	5	R	<	5	R	<	50	R			100
Pesticides 3510C, 8180B																						
alpha-BHC	µg/L	<	0.44	M	<	0.44	M	<	0.22	M	<	0.22	M	<	0.02	M		**0.07**			0.03	0.03
Metals (ICP) - 3005A, 6010B																						
Manganese	µg/L		3080			2520			178			5.5			602			5450			200	

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TABLE - Jennison Wright Superfund Site
Third Quarter 2020 Groundwater Analysis vs Site CUO and Taco Tier I Objectives

Jennison Wright														
			3S			3D			4S				Proposed CUO	IEPA TACO Tier I
Analyte	Unit		Result			Result			Result				µg/L	µg/L
VOCs - 5030, 8260B														
Benzene	µg/L	<	0.5	R	<	0.5	R	<	0.5	R			10	5
SVOCs - 3510C, 8270C Sims, 8270C														
Naphthalene	µg/L		2.42			1.31			0.96				400	25
Chrysene	µg/L		0.06			0.06			0.16				4	1.5
Benzo(a)anthracene	µg/L		0.13			0.12			0.41				0.13	0.13
Benzo(b)fluoranthene	µg/L	<	0.1	R	<	0.1	R	<	0.15	R			0.18	0.18
Benzo(k)fluoranthene	µg/L	<	0.1	R	<	0.1	R	<	0.06	R			0.4	0.17
Pentachlorophenol	µg/L		**148**			**51**			**9**				1	1
2,4-Dimethylphenol	µg/L	<	10	R	<	10	R	<	10	R			200	140
2-Methylphenol (o-cresol)	µg/L	<	10	R	<	10	R	<	10	R			500	350
2-Methylnathalene	µg/L	<	10	R	<	10	R	<	10	R				NA
Acenapthene	µg/L		1.71			1.33			2.95					420
Dibenzofuran	µg/L	<	10	R	<	10	R		3					NA
Flourene	µg/L		3.29			2.79			6.71					280
Phenanthrene	µg/L		9.32			8.46			15.1					NA
2,4-Dichlorophenol	µg/L	<	10	R	<	10	R	<	10	R				21
Carbazole	µg/L		20		<	20	R		11					NA
Acenaphthylene	µg/L		0.05			0.03			0.11					NA
Anthracene	µg/L		0.83			0.76			15.3					2100
Fluoranthene	µg/L		2.31			2.18			3.3					280
Pyrene	µg/L		1.42			1.35			2.08					210
Phenol	µg/L	<	5	R	<	5	R	<	5	R				100
Pesticides 3510C, 8180B														
alpha-BHC	µg/L	<	0.02	M	<	0.02	M	<	0.02	M			0.03	0.03
Metals (ICP) - 3005A, 6010B														
Manganese	µg/L		42.6		<	7	R		3.5				200	

Red shaded cells indicate an exceedence of proposed clean up objectives
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M-Result less than MDL