

**Surface Water Sample Data 7-6 to 7-9**

Samp_No	Sample Date	LocationDescription	Analyte	Analytical Positive Results	Exceedence	Screening Level	Latitude	Longitude	Matrix
3536-10	7/6/2007	Baseball Field	Acetone	27 µg/L			37.03983	-95.59374	Surface Water
			2-Butanone	5.1 µg/L					
			Aluminum	1650 µg/L					
			Barium	78J µg/L					
			Calcium	29.7 mg/L					
			Iron	3410 µg/L					
			Magnesium	3.02 mg/L					
			Manganese	5.26 µg/L					
			Potassium	6.08 mg/L					
			Zinc	47 µg/L					
			4-Methylphenol	25 µg/L					
Extractable TPH-DRO	0.28 mg/L								
3536-11	7/6/2007	Walter Johnson Park along 8th street.	Acetone	96 µg/L			37.03577	-95.59534	Surface Water
			2-Butanone	9.8 µg/L					
			Toluene	0.87 µg/L					
			1,2,4-Trimethylbenzene	0.65 µg/L					
			Aluminum	1090 µg/L					
			Barium	107J µg/L					
			Calcium	55.8 mg/L					
			Iron	5920 µg/L					
			Magnesium	5.71 mg/L					
			Manganese	1990 µg/L	1990 µg/L	500 µg/L <sup>1</sup>			
			Potassium	10.3 mg/L					
			Zinc	65 µg/L					
			4-Methylphenol	100 µg/L					
			Phenol	20.0 µg/L					
			Extractable TPH-DRO	0.35 mg/L					

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Samp_No	Sample Date	LocationDescription	Analyte	Analytical Positive Results	Exceedence	Screening Level	Latitude	Longitude	Matrix
3536-12	7/6/2007	Field North of Eighth and east of wood.	Acetone	73 µg/L			37.03574	-95.58914	Surface Water
			2-Butanone	8.0 µg/L					
			1,2,4-Trimethylbenzene	0.56 µg/L					
			Aluminum	8120 µg/L					
			Barium	190J µg/L					
			Calcium	67.2 mg/L					
			Copper	10 µg/L					
			Iron	16000 µg/L	16000 µg/L	11000 µg/L <sup>2</sup>			
			Magnesium	8.04 mg/L					
			Manganese	3070 µg/L	3070 µg/L	500 µg/L <sup>1</sup>			
			Potassium	12.5 mg/L					
			Titanium	93 µg/L					
			Vanadium	12 µg/L					
			Zinc	46 µg/L					
			Phenol	20.0 µg/L					
			Extractable TPH-DRO	0.79 mg/L					

**Surface Water Sample Data 7-6 to 7-9**

Samp_No	Sample Date	LocationDescription	Analyte	Analytical Positive Results	Exceedence	Screening Level	Latitude	Longitude	Matrix
3536-16	7/7/2007	SW corner of park and 5th					37.0389	-95.59669	Surface Water
			Acetone	190 µg/L					
			Benzene	0.50 µg/L					
			2-Butanone	21 µg/L					
			n-Butylbenzene	1.4 µg/L					
			Ethyl Benzene	14 µg/L					
			p-Isopropyltoluene	0.50 µg/L					
			Napthalene	1.2 µg/L					
			n-Propylbenzene	0.59 µg/L					
			Toluene	1.5 µg/L					
			1,2,4-Trimethylbenzene	3.8 µg/L					
			1,3,5-Trimethylbenzene	1.5 µg/L					
			m and/or p-Xylene	1.9 µg/L					
			o-Xylene	0.78 µg/L					
			Aluminum	7620 µg/L					
			Barium	146J µg/L					
			Calcium	56.3 mg/L					
			Copper	8 µg/L					
			Iron	16600 µg/L	16600 µg/L	11000 µg/L <sup>2</sup>			
			Magnesium	5.65 mg/L					
			Manganese	1080 µg/L	1080 µg/L	500 µg/L <sup>1</sup>			
			Potassium	12.7 mg/L					
			Titanium	85 µg/L					
			Vanadium	17 µg/L					
			Zinc	90 µg/L					
			Phenol	20 µg/L					
			4-Methylphenol	100 µg/L					
			2-Nitroaniline	7 µg/L					
			Extractable TPH-DRO	4.6 mg/L					
			TPH-ORO	6 mg/L					

**Surface Water Sample Data 7-6 to 7-9**

Samp_No	Sample Date	LocationDescription	Analyte	Analytical Positive Results	Exceedence	Screening Level	Latitude	Longitude	Matrix
3536-17	7/7/2007	South of 12th and Sunflower	Acetone	93 µg/L			37.03131	-95.60203	Surface Water
			2-Butanone	9.3 µg/L					
			Napthalene	1.0 µg/L					
			Toluene	2.9 µg/L					
			1,2,4-Trimethylbenzene	0.75 µg/L					
			Aluminum	628 µg/L					
			Barium	92J µg/L					
			Calcium	44.9 mg/L					
			Iron	3170 µg/L					
			Magnesium	4.60 mg/L					
			Manganese	1020 µg/L	1080 µg/L	500 µg/L <sup>1</sup>			
			Potassium	7.20 mg/L					
			Zinc	52 µg/L					
			Phenol	10 µg/L					
			4-Methylphenol	15 µg/L					
			2-Methylnaphthalene	3 µg/L					
Extractable TPH-DRO	0.51 mg/L								
3536-17FD	7/7/2007	South of 12th and Sunflower	Acetone	91 µg/L			37.03131	-95.60203	Surface Water
			2-Butanone	8.3 µg/L					
			Napthalene	1.1 µg/L					
			Toluene	2.8 µg/L					
			1,2,4-Trimethylbenzene	0.79 µg/L					
			Aluminum	715 µg/L					
			Barium	92J µg/L					
			Calcium	45.6 mg/L					
			Iron	3270 µg/L					
			Magnesium	4.89 mg/L					
			Manganese	1030 µg/L	1030 µg/L	500 µg/L <sup>1</sup>			
			Potassium	7.36 mg/L					
			Zinc	53 µg/L					
			Phenol	10 µg/L					
			4-Methylphenol	20 µg/L					
			2-Methylnaphthalene	3 µg/L					
Extractable TPH-DRO	0.39 mg/L								

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Samp_No	Sample Date	LocationDescription	Analyte	Analytical Positive Results	Exceedence	Screening Level	Latitude	Longitude	Matrix
3536-18	7/7/2007	South of the leveeJust south of Harrison and Sycamore	Acetone	29 µg/L			37.02993	-95.61162	Surface Water
			Aluminum	4630 µg/L					
			Barium	125J µg/L					
			Calcium	38 mg/L					
			Iron	6950 µg/L					
			Magnesium	4.11 mg/L					
			Manganese	714 µg/L	714 µg/L	500 µg/L <sup>1</sup>			
			Potassium	6.46 mg/L					
			Titanium	47 µg/L					
			Vanadium	13 µg/L					
			Zinc	94 µg/L					
			2-Methylnaphthalene	15 µg/L					
			Benzo(a)anthracene	20 µg/L	20 µg/L	9.2 µg/L <sup>2</sup>			
			Chrysene	15 µg/L					
			Pyrene	30 µg/L					
			Phenanthrene	140 µg/L					
			Anthracene	140 µg/L					
			Fluoranthene	10 µg/L					
Extractable TPH-DRO	66 mg/L								
TPH-ORO	12.7 mg/L								
3536-19	7/8/2007	12th and Oak	Acetone	15 µg/L			37.03005	-95.61302	Surface Water
			Aluminum	2190 µg/L					
			Barium	100J µg/L					
			Calcium	42.9 mg/L					
			Copper	8 µg/L					
			Iron	3500 µg/L					
			Magnesium	4.26 mg/L					
			Manganese	522 µg/L	522 µg/L	500 µg/L <sup>1</sup>			
			Potassium	4.72 mg/L					
			Sodium	6.66 mg/L					
			Zinc	92 µg/L					
			Mercury	0.26 µg/L					
			n-Nitrosodiphenylamine	20 µg/L					
			Phenanthrene	50 µg/L					
			Anthracene	50 µg/L					
			Pyrene	15 µg/L					
			Extractable TPH-DRO	180 mg/L					
			TPH-ORO	83.9 mg/L					

**Surface Water Sample Data 7-6 to 7-9**

Samp_No	Sample Date	LocationDescription	Analyte	Analytical Positive Results	Exceedence	Screening Level	Latitude	Longitude	Matrix
3536-20	7/8/2007	North pump station along 12th and sunflower	Acetone	87 µg/L			37.03191	-95.60297	Surface Water
			2-Butanone	12 µg/L					
			Ethyl Benzene	0.65 µg/L					
			Toluene	0.59 µg/L					
			1,2,4-Trimethylbenzene	0.54 µg/L					
			m and/or p-Xylene	0.52 µg/L					
			Aluminum	10600 µg/L					
			Barium	166J µg/L					
			Calcium	61.2 mg/L					
			Copper	11 µg/L					
			Iron	14300 µg/L	14300 µg/L	11000 µg/L <sup>2</sup>			
			Magnesium	6.62 mg/L					
			Manganese	1280 µg/L	1280 µg/L	500 µg/L <sup>1</sup>			
			Nickel	60 µg/L					
			Potassium	9.72 mg/L					
			Sodium	5.11 mg/L					
			Titanium	110 µg/L					
			Vanadium	135 µg/L	135 µg/L	30 µg/L <sup>3</sup>			
			Zinc	110 µg/L					
			Mercury	0.21 µg/L					
			Extractable TPH-DRO	3.3 mg/L					
			TPH-ORO	6.2 mg/L					

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Samp_No	Sample Date	LocationDescription	Analyte	Analytical Positive Results	Exceedence	Screening Level	Latitude	Longitude	Matrix
3536-21	7/8/2007	Near intersection of 8th and Harris	Acetone	42 µg/L			37.03549	-95.59604	Surface Water
			2-Butanone	10 µg/L					
			n-Butylbenzene	0.67 µg/L					
			Ethyl Benzene	0.81 µg/L					
			Toluene	2.4 µg/L					
			1,2,4-Trimethylbenzene	1.6 µg/L					
			1,3,5-Trimethylbenzene	0.72 µg/L					
			m and/or p-Xylene	1.1 µg/L					
			o-Xylene	0.58 µg/L					
			Aluminum	3480 µg/L					
			Barium	102J µg/L					
			Calcium	57.9 mg/L					
			Iron	5690 µg/L					
			Magnesium	6.10 mg/L					
			Manganese	883 µg/L	883 µg/L	500 µg/L <sup>1</sup>			
			Potassium	6.94 mg/L					
			Sodium	6.29 mg/L					
			Titanium	38 µg/L					
			Zinc	118 µg/L					
			4-Methylphenol	10 µg/L					
			Phenol	8 µg/L					
			2-Methylnaphthalene	5 µg/L					
			Extractable TPH-DRO	0.81 mg/L					
			TPH-ORO	3.7 mg/L					

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Samp_No	Sample Date	LocationDescription	Analyte	Analytical Positive Results	Exceedence	Screening Level	Latitude	Longitude	Matrix
3536-22	7/9/2007	Underneath Hwy 166 bridge near the dog pound pump.	Aluminum	15200J µg/L	15200J µg/L	10000 µg/L <sup>3</sup>	37.04181	-95.59261	Surface Water
			Barium	171 µg/L					
			Calcium	33.4 mg/L					
			Copper	12 µg/L					
			Iron	15800 µg/L					
			Magnesium	5.89 mg/L					
			Manganese	499 µg/L					
			Potassium	5.44 mg/L					
			Sodium	5.23 mg/L					
			Titanium	157 µg/L					
			Vanadium	25 µg/L					
			Zinc	69 µg/L					
			Mercury	0.576 µg/L					
			bis(2-Ethylhexyl) phthalate	12 µg/L					
Extractable TPH-DRO	0.11 mg/L								
TPH-ORO									
3536-23	7/9/2007	8th street bridge head east of the baseball diamonds and park.	Aluminum	9270 µg/L			37.03347	-95.57919	Surface Water
			Barium	118 µg/L					
			Calcium	30.0 mg/L					
			Copper	9 µg/L					
			Iron	10400 µg/L					
			Magnesium	4.88 mg/L					
			Manganese	354 µg/L					
			Potassium	4.46 mg/L					
			Titanium	108 µg/L					
			Vanadium	17 µg/L					
			Zinc	44 µg/L					
			Mercury	0.208 µg/L					

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3536-23FD	7/9/2007	8th street bridge head east of the baseball diamonds and park.	Aluminum	6220 µg/L			37.03347	-95.57919	Surface Water
			Barium	83 µg/L					
			Calcium	27.4 mg/L					
			Copper	6 µg/L					
			Iron	6890 µg/L					
			Magnesium	4.11 mg/L					
			Manganese	201 µg/L					
			Potassium	3.80 mg/L					
			Titanium	69 µg/L					
			Vanadium	11 µg/L					
			Zinc	32 µg/L					
3536-25	7/9/2007	South Side Bank of Veridgis River along 1400 rd.	Aluminum	9490 µg/L			37.00641	-95.60451	Surface Water
			Barium	102 µg/L					
			Calcium	29.1 mg/L					
			Copper	6 µg/L					
			Iron	9140 µg/L					
			Magnesium	4.77 mg/L					
			Manganese	250 µg/L					
			Potassium	4.55 mg/L					
			Titanium	100 µg/L					
			Vanadium	14 µg/L					
			Zinc	37 µg/L					

Notes Screening Level

<sup>1</sup> Chronic EMEG (Environmental Media Exposure Guideline)

<sup>2</sup> EPA R9 PRG (Preliminary Remediation Goal)

<sup>3</sup> Int. EMEG (Environmental Media Exposure Guideline)

Data Qualifiers

J The identification of the analyte is acceptable; the reported value is an estimate and the actual concentration may be higher than the reported value