Former US Oil Recovery/MCC Recycling Site. Pasadena, Texas - Data Summary - Water

= Analysis not required for Pretreatment Application but might be requested by the City

= Measured analyte level exceeded recommended pretreatment limit

= Additional Analyte analysis required for Pretreatment Application (field observation or measurement)

= Additional Analyte/Pollutant analysis required for Pretreatment Application (lab analysis)

= Limit established per City Ordinance - Section 37-116 & 37-118

= Limit established per TPDES Permit Requirement - Monitoring and Reporting Requirements 9. Changes in Discharges of Toxic Substances

2010 Analyses
2013 Analyses
2015 Analyses
2017 Analyses

H = Analyzed outside of Holding Time

J = Estimated vaule between laboratory sample quantitaion limit (SQL) and method quantitaion limit (MQL) (PQL).

ND = Non-Detect

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ND = Non-Detect

							1			2					3		4	5	6			7
							Lift Station #1 9/7/2017	Lift Station #1 5/16/2013	Lift Station #1 5/16/2013	Chlorine Contact Tank 9/5/2017	Chlorine Contact Tank 9/5/2017	Chlorine Contact Tank 5/18/2015	Chlorine Contact Tank 5/18/2015	Chlorine Contact Tank 7/7/2010	Gravity Thickener 5/21/2015	Gravity Thickener 5/18/2015	Sand Filter 5/18/2015	Pump Control Room 7/7/2010	Oxygen Digester 1 9/21/2017	Oxygen Digester 1 9/21/2017	Oxygen Digester 1 7/12/2010	Oxygen Digester 2 9/21/2017
	ANALYTE/POLLUTANT						LS1-WG-20170907	LS1-01-051613	LS1-02-051613	CCT1-W-20170905-B	CCT2-W-20170905-S	USOR CT 01 150518	USOR CT 02 150518	MCC-WW02-11-100707	USOR-GT-02-150521	USOR GT 01 150518	USOR-SF-01-150518	MCC-WW01-11-100707	USOR-OD1-01-170921	USOR-OD1-02-170921	MCC-WW04-11-100712	USOR-OD2-01-170921
							HS17090354-02	1305749-01	1305749-02	HS17090293-01	HS17090293-02	HS15050731 02	HS15050731 03	TS5856-3	HS15050898 01	HS15050731 01	HS15050731-04	TS5856-2	HS17091171-01	HS17091171-02	TS6085-2	HS17091171-03
I.	**Non-Categorical Prohibited Pollutants (City of Pasadena - Code of Ordinances 37-116)**	**Required or Recommended Pretreatment Limits**	**UNITS**	**TEST METHOD**	**Past Exceedences (Yes/No)**	**Maximum Reading**																
1	Closed Cup Flash Point	140 (60)	F (C)	40 CFR 261.21																		
2	pH (standard units)	See below		See below		6.64<pH<9.09		7.41 H	7.70 H			8.14 H	7.46 H			6.64 H	8.21 H					
3	Solid or Viscous Substances causing obstruction of flow			Field (Visual)																		
4	Excessive Loading	Varies	lbs/day	N/A																		
5	Temperature (Degrees F)	150(65)	F (C)	Field (temp probe)																		
6	Total Petroleum Hydrocarbons (TPH)		mg/L	TX1005		2.8																
7	Toxic Fumes (VOCs)			Field (PID meter)																		
8	Trucked or hauled pollutants			N/A																		
9	Odor			Field (Olfactory)																		
10	Color			SM2120B																		
10	Turbitity			E180.1																		
11	Radioactivity			?																		
12	Storm, surface, ground, etc. water			N/A																		
13	Industrial Sludge			Field (Visual)																		
14	Medical Waste	None		Field (Visual)																		
15	Toxicity	See below		See below																		
16	Detergents (Surfactants)			?																		
17	Oil and Grease	See below		See below																		
I.	**Non-Categorical Prohibited Pollutants (City of Pasadena - Code of Ordinances 37-116)**	**Required or Recommended Pretreatment Limits**	**UNITS**	**TEST METHOD**	**Past Exceedences (Yes/No)**	**Maximum Reading**																
18	Lower Explosive Limit (2 readings)	5	%	Field (4 gas meter)																		
18	Lower Explosive Limit (1 reading)	10	%	Field (4 gas meter)																		
19	No Trash & Debris			Field (Visual)																		
20	Miscellaneous pollutants																					
21	Corrosive (pH)	See below		See below																		
22	No Domestic Sewage Waste			Field (Visual)																		
23	40 CFR Part 261 Hazardous Wastes	See below		See below																		
24	Pesticides	See below		See below																		
25	No Sewage Sludge			Field (Visual)																		
26	Antimony	See below		See below																		
26	Beryllium	See below		See below																		
26	Bismuth	0.1	mg/L																			
26	Boron	0.1	mg/L																			
26	Molybdenum	0.1	mg/L																			
26	Tellurium	0.1	mg/L																			
26	Tin	0.1	mg/L																			
26	Gasoline	See TPH Results		See TPH Results																		
26	Naphtha	See TPH Results		See TPH Results																		
26	Insecticides																					
26	Herbicides			SW8151																		
26	Fungicides																					
26	Uranylion																					
26	Radioactive Elements (Gross Alpha/Beta)	See above		See above																		
II.	**Local Limits (City of Pasadena - Code of Ordinances 37-118)**	**Pretreatment Limits**	**UNITS**	**TEST METHOD**	**Past Exceedences (Yes/No)**	**Maximum Reading**																
	Oil and Grease (petroleum or mineral products, animal or vegetable base)	400	mg/L	E1664A																		
	pH (standard units)	5.0<pH<11.0	-	SM4500H+B	No	6.64<pH<9.09		7.41 H	7.70 H			8.14 H	7.46 H			6.64 H	8.21 H					
	BOD (5-day)	250	mg/L	SM5210 B																		
	Total Suspended Solids	250	mg/L	M2540D																		
	40 CFR Part 122 Subpart D Appendix D Table III																					
	METALS, CYANIDE, AND PHENOLS																					
	Antimony, Total	0.1	mg/L	200.8	Yes 7/12/2010 Primary Clarifier	0.637	<0.000400					0.000835 J	0.000727 J		0.0244		0.00745	0.0053			0.0053	
	Arsenic, Total	2.0	mg/L	200.8	No	0.118	0.00537			0.00368	0.00394	0.00457 J	0.00593		0.00467 J		0.0138	0.0107	0.00142 J	0.00181 J	0.0068	0.000786 J
	Beryllium, Total	0.1	mg/L	200.8	No	ND	<0.000200					<0.000500	<0.000500		<0.000500		<0.000500	<0.00016			<0.00016	
	Cadmium, Total	0.2	mg/L	200.8	No	0.016	<0.000200			<0.000200	<0.000200	<0.000600	<0.000600		0.000726 J		0.00133 J	0.00026 B	<0.000200	0.000966 J	0.00025 B	<0.000200
	Chromium, Total		mg/L	200.8	No	0.932	0.000994 J			0.000711 J	0.000600 J	0.00215 J	0.00294 J		0.0326		0.0187	0.0119	<0.000400	0.00236 J	0.003 B	<0.000400
	Chromium, (Hex)	1.0	mg/L	SW7196																		
	Chromium (Trij5		mg/L	Calculation																		
	Copper, Total	2.0	mg/L	200.8	Yes 7/12/2010 Primary Clarifier	2.56												0.0237 B			<0.0059	
	Lead, Total	1.0	mg/L	200.8	Yes 7/12/2010 Primary Clarifier	1.11	<0.000600			<0.000600		<0.00700	<0.00700		0.0202		0.0531	0.0075	<0.000600	0.00457	0.0071	<0.000600
	Mercury, Total	0.008	mg/L	200.8	Yes 7/12/2010 Primary Clarifier	0.264	<0.0000300			<0.0000300		<0.0000420	<0.0000420		0.00208		0.00106	0.00025	<0.0000300	0.00019	<0.000094	<0.0000300
	Nickel, Total	2.0	mg/L	200.8	No	1.89	0.0308					0.0194 J	0.0195 J		0.0642		0.0967	0.08			0.0903	
	Selenium, Total		mg/L	200.8	?	0.0129	<0.00110			<0.00110		<0.0100	<0.0100		0.000971 J		0.00251 J	<0.00098	<0.00110	<0.00110	0.0028 B	<0.00110
	Silver, Total	1.0	mg/L	200.8	No	0.0227	<0.000200			<0.000200		<0.00800	<0.00800		<0.000500		0.00238 J	0.00082 B	<0.000200	0.000509 J	<0.00024	<0.000200
	Thallium, Total		mg/L	200.8	No	ND												<0.0012			<0.0012	
	Zinc, Total	3.0	mg/L	200.8	Yes 7/12/2010 Primary Clarifier	35.4												0.189			0.0638	
	Cyanide, Available		mg/L	200.8																		
	Cyanide, Total		mg/L	MN4500CN E&G																		
	Phenols, Total		mg/L	SW9066																		
III.	**National Categorical Prohibited Pollutants (City of Pasadena - Code of Ordinances 37-117)**	**Pretreatment Limits**	**UNITS**	**TEST METHOD**	**Past Exceedences (Yes/No)**	**Maximum Reading**																
	40 CFR Part 122 Subpart D Appendix D Table II																					
	VOLATILE COMPOUNDS																					
	Acrolein	200	µg/L	E624/E625																		
	Acrylonitrile	200	µg/L	E624/E625																		
	Benzene	100	µg/L	E624/E625	Yes 7/12/2010 Primary Clarifier	3,130	<0.60			0.79 J	<0.60	<0.60	2.7 J	46.4	8.3		1.0 J	18.9	<0.60	<0.60	<0.5	<0.60
	Bromoform	100	µg/L	E624/E625	No	ND	<0.50			<0.50	<0.50	<0.50	<0.50	<1.4	<0.50		<0.50	<1.4	<0.50	<0.50	<1.4	<0.50
	Carbon Tetrachloride	100	µg/L	E624/E625	No	ND	<0.60			<0.60	<0.60	<0.60	<0.60	<0.66	<0.60		<0.6	<0.66	<0.60	<0.60	<0.66	<0.60
	Chlorobenzene	100	µg/L	E624/E625	No	ND	<0.40			<0.40	<0.40	<0.40	<0.40	<0.56	<0.40		<0.40	<0.56	<0.40	<0.40	<0.56	<0.40
	Chlorodibromomethane	100	µg/L	E624/E625			<0.50			<0.50	<0.50	<0.50	<0.50	<0.61	<0.50		<0.50	<0.61	<0.50	<0.50	<0.61	<0.50
	Chlorethane	100	µg/L	E624/E625	No	ND	<0.50			<0.50	<0.50	<0.50	<0.50	<0.92	<0.50		<0.50	<0.92	<0.50	<0.50	<0.92	<0.50
	2-Chloroethylvinyl Ether	100	µg/L	E624/E625																		
	Chloroform	100	µg/L	E624/E625	No	17.7	<0.60			<0.60	<0.60	<0.60	<0.60	<0.64	<0.60		<0.60	<0.64	<0.60	<0.60	<0.64	<0.60
	Dichlorobromomethane	100	µg/L	E624/E625	No	ND	<0.50			<0.50	<0.50	<0.50	<0.50	<0.61	<0.50		<0.50	<0.61	<0.50	<0.50	<0.61	<0.50
	1,1-Dichloroethane	100	µg/L	E624/E625	No	ND	<0.40			<0.40	<0.40	<0.40	<0.40	<0.52	<0.40		<0.40	<0.52	<0.40	<0.40	<0.52	<0.40
	1,2-Dichloroethane	100	µg/L	E624/E625	Yes 7/12/2010 Primary Clarifier	993	<0.50			<0.50	<0.50	<0.50	<0.50	<0.62	<0.50		<0.50	<0.62	<0.50	<0.50	<0.62	<0.50
	1,1-Dichloroethylene	100	µg/L	E624/E625	No	ND	<0.50			<0.50	<0.50	<0.50	<0.50	<0.5	<0.50		<0.50	<0.50	<0.50	<0.50	<0.5	<0.50
	1,2-Dichloropropane	100	µg/L	E624/E625	No	5.3	<0.70			<0.70	<0.70	<0.70	<0.70	<0.62	<0.70		<0.70	<0.62	<0.70	<0.70	<0.62	<0.70
	1,3-Dichloropropylene	100	µg/L	E624/E625	No	ND	<0.60			<0.60	<0.60	<0.60	<0.60	<0.68	<0.60		<0.60	<0.68	<0.60	<0.60	<0.68	<0.60
	Ethyl benzene	100	µg/L	E624/E625	Yes 7/12/2010 Primary Clarifier	1,920	0.96 J			5.5	0.69 J	<0.50	22	757	47		6.6	57.5	<0.50	<0.50	<0.55	<0.50
	Methyl Bromide	100	µg/L	E624/E625	No	ND	<0.50			<0.50	<0.50	<0.50	<0.50	<0.94	<0.50		<0.50	<0.94	<0.50	<0.50	<0.94	<0.50
	Methyl Chloride	100	µg/L	E624/E625	No	ND	<0.50			<0.50	<0.50	<0.50	<0.50	<0.84	<0.50		<0.50	<0.84	<0.50	<0.50	<0.84	<0.50
	Methylene Chloride	100	µg/L	E624/E625	Yes 7/12/2010 Primary Clarifier	669	<0.50			<0.50	<0.50	<0.50	<0.50	<0.41	<0.50		<0.50	<0.41	<0.50	<0.50	<0.41	<0.50
	1,1,2,2-Tetrachloroethane	100	µg/L	E624/E625	No	ND	<0.50			<0.50	<0.50	<0.50	<0.50	<1.2	<0.50		<0.50	<1.2	<0.50	<0.50	<1.2	<0.50

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Former US Oil Recovery/MCC Recycling Site. Pasadena, Texas - Data Summary - Water

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ND = Non-Detect

						8						9			10			11			12				13
						Oxygen Digester 2 9/21/2017	Oxygen Digester 2 7/12/2010	Clarifier #1 9/21/2017	Clarifier #1 9/21/2017	Clarifier #1 7/12/2010	Clarifier #1 7/12/2010	Clarifier #2 9/21/2017	Clarifier #2 9/21/2017	Clarifier #2 7/12/2010	Aerobic Digester 7/16/2015	Aerobic Digester 7/16/2015	Aerobic Digester 7/16/2015	Aeration Basin (Final Clarifier) 3/19/2015	Aeration Basin (Final Clarifier) 3/19/2015	Aeration Basin (Final Clarifier) 7/12/2010	Primary Clarifier 5/21/2015	Primary Clarifier 7/12/2010	Primary Clarifier 5/18/2015	Primary Clarifier 5/18/2015	Oil/Water Separator 7/12/2010
	ANALYTE/POLLUTANT					USOR-OD2-02-170921	MCC-WW03-11-100712	USOR-C1-01-170921	USOR-C1-02-170921	MCC-WW06-11-100712	MCC-WW07-12-100712	USOR-C2-01-170921	USOR-C2-02-170921	MCC-WW05-11-100712	USOR-AD-01-150716	USOR-AD-02-150716	USOR-AD-03-150716	USOR AB 01 150319	USOR AB 02 150319	MCC-WW09-11-100712	USOR-PC-03-150521	MCC-WW08-11-100712	USOR-PC-01-150518	USOR-PC-02-150518	MCC-WW10-11-100712
						HS17091171-04	TS6085-1	HS17091171-05	HS17091171-06	TS6085-4	TS6085-5	HS17091171-07	HS17091171-08	TS6085-3	HS15070682-01	HS15070682-02	HS15070682-03	HS15030665 01	HS15030665 02	TS6085-7	HS15050898-02	TS6085-6	HS15050731-05	HS1505731-06	TS6085-8
I.	**Non-Categorical Prohibited Pollutants (City of Pasadena - Code of Ordinances 37-116)**	**Required or Recommended Pretreatment Limits**	**UNITS**	**TEST METHOD**	**Past Exceedences (Yes/No)**	**Maximum Reading**																			
1	Closed Cup Flash Point	140 (60)	F (C)	40 CFR 261.21																					
2	pH (standard units)	See below		See below		6.64<pH<9.09									9.09 H	9.06 H	8.73 H	8.95 H	8.71 H				8.95 H	8.53 H	
3	Solid or Viscous Substances causing obstruction of flow			Field (Visual)																					
4	Excessive Loading	Varies	lbs/day	N/A																					
5	Temperature (Degrees F)	150(65)	F (C)	Field (temp probe)																					
6	Total Petroleum Hydrocarbons (TPH)		mg/L	TX1005		2.8									<2.0	<2.0	2.8 J	2.5 J	2.2 J				<1.8	<1.9	
7	Toxic Fumes (VOCs)			Field (PID meter)																					
8	Trucked or hauled pollutants			N/A																					
9	Odor			Field (Olfactory)																					
10	Color			SM2120B																					
10	Turbitity			E180.1																					
11	Radioactivity			?																					
12	Storm, surface, ground, etc. water			N/A																					
13	Industrial Sludge			Field (Visual)																					
14	Medical Waste	None		Field (Visual)																					
15	Toxicity	See below		See below																					
16	Detergents (Surfactants)			?																					
17	Oil and Grease	See below		See below																					
I.	**Non-Categorical Prohibited Pollutants (City of Pasadena - Code of Ordinances 37-116)**	**Required or Recommended Pretreatment Limits**	**UNITS**	**TEST METHOD**	**Past Exceedences (Yes/No)**	**Maximum Reading**																			
18	Lower Explosive Limit (2 readings)	5	%	Field (4 gas meter)																					
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26	Tin	0.1	mg/L																						
26	Gasoline	See TPH Results		See TPH Results																					
26	Naphtha	See TPH Results		See TPH Results																					
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26	Herbicides			SW8151																					
26	Fungicides																								
26	Uranylion																								
26	Radioactive Elements (Gross Alpha/Beta)	See above		See above																					
II.	**Local Limits (City of Pasadena - Code of Ordinances 37-118)**	**Pretreatment Limits**	**UNITS**	**TEST METHOD**	**Past Exceedences (Yes/No)**	**Maximum Reading**																			
	Oil and Grease (petroleum or mineral products, animal or vegetable base)	400	mg/L	E1664A																					
	pH (standard units)	5.0<pH<11.0	-	SM4500H+B	No	6.64<pH<9.09									9.09 H	9.06 H	8.73 H	8.95 H	8.71 H				8.95 H	8.53 H	
	BOD (5-day)	250	mg/L	SM5210 B																					
	Total Suspended Solids	250	mg/L	M2540D																					
	40 CFR Part 122 Subpart D Appendix D Table III																								
	METALS, CYANIDE, AND PHENOLS																								
	Antimony, Total	0.1	mg/L	200.8	Yes 7/12/2010 Primary Clarifier	0.637		0.0027 B		<0.001	<0.001			<0.001	0.00173 J	0.00157 J	0.00186 J			0.013	0.00262 J	0.637			0.0293
	Arsenic, Total	2.0	mg/L	200.8	No	0.118	0.000747 J	0.0065	0.00546	0.00561	0.0077	0.0082	0.00676	0.0069	0.0094	0.0217	0.0222	0.0279		0.0083	0.00843	0.118			<0.001
	Beryllium, Total	0.1	mg/L	200.8	No	ND		<0.00016			<0.00016	<0.00016			<0.00016	<0.000200	<0.000200	<0.000200		<0.00016	<0.000500	<0.00016			<0.00016
	Cadmium, Total	0.2	mg/L	200.8	No	0.016	<0.000200	0.0001 B	<0.000200	<0.000200	0.00009 B	0.00015 B	<0.000200	<0.000200	<0.00009	<0.000200	<0.000200	<0.000200		<0.00009	<0.000600	0.0155			<0.00009
	Chromium, Total		mg/L	200.8	No	0.932	<0.000400	0.0026 B	0.000830 J	0.000972 J	0.007 B	0.0069 B	0.00144 J	0.00154 J	0.0079 B	0.0139	0.0151	0.0221		0.008 B	0.0173	0.932			<0.00027
	Chromium, (Hex)	1.0	mg/L	SW7196																					
	Chromium (Tri)S		mg/L	Calculation																					
	Copper, Total	2.0	mg/L	200.8	Yes 7/12/2010 Primary Clarifier	2.56		<0.0059			<0.0059	<0.0059			<0.0059					<0.0059		2.56			<0.0059
	Lead, Total	1.0	mg/L	200.8	Yes 7/12/2010 Primary Clarifier	1.11	<0.000600	0.0049	<0.000600	0.000755 J	0.0069	0.0069	<0.000600	<0.000600	0.0064	0.000816 J	0.00221 J	0.00128 J		0.0091	<0.000500	1.11			<0.0018
	Mercury, Total	0.008	mg/L	200.8	Yes 7/12/2010 Primary Clarifier	0.264	<0.0000300	<0.000094	<0.0000300	<0.0000300	<0.000094	<0.000094	<0.0000300	<0.0000300	<0.000094	<0.0000400	<0.0000400	<0.0000400		<0.000094	0.0000560 J	0.264			<0.000094
	Nickel, Total	2.0	mg/L	200.8	No	1.89		0.0675			0.0902	0.0901			0.114	0.217	0.221	0.301		0.271	0.0447	1.89			0.0016 B
	Selenium, Total		mg/L	200.8	?	0.0129	<0.00110	0.0012 B	<0.00110	<0.00110	0.0027 B	0.0013 B	<0.00110	<0.00110	0.0017 B	0.00385 J	0.00372 J	0.00535		0.002 B	<0.000500	0.0129			0.0014 B
	Silver, Total	1.0	mg/L	200.8	No	0.0227	<0.000200	<0.00024	<0.000200	<0.000200	<0.00024	<0.00024	<0.000200	<0.000200	<0.00024	<0.000200	<0.000200	<0.000200		<0.00024	<0.000500	0.0227			0.00031 B
	Thallium, Total		mg/L	200.8	No	ND		<0.0012			<0.0012	<0.0012			<0.0012					<0.0012		<0.0012			<0.0012
	Zinc, Total	3.0	mg/L	200.8	Yes 7/12/2010 Primary Clarifier	35.4		0.055			0.14	0.139			0.142					0.0529		35.4			0.0762
	Cyanide, Available		mg/L	200.8																					
	Cyanide, Total		mg/L	MM4500CN E&G																					
	Phenols, Total		mg/L	SW9066																					
III.	**National Categorical Prohibited Pollutants (City of Pasadena - Code of Ordinances 37-117)**	**Pretreatment Limits**	**UNITS**	**TEST METHOD**	**Past Exceedences (Yes/No)**	**Maximum Reading**																			
	40 CFR Part 122 Subpart D Appendix D Table II																								
	VOLATILE COMPOUNDS																								
	Acrolein	200	µg/L	E624/E625																					
	Acrylonitrile	200	µg/L	E624/E625																					
	Benzene	100	µg/L	E624/E625	Yes 7/12/2010 Primary Clarifier	3,130	<0.60	0.5	<0.60	<0.60	1.7 J	1.9 J	<0.60	<0.60	<0.5	<3.0	<3.0	<3.0		<0.5	14	3130			<0.5
	Bromoform	100	µg/L	E624/E625	No	ND	<0.50	<1.4	<0.50	<0.50	<1.4	<1.4	<0.50	<0.50	<1.4	<2.5	<2.5	<2.5		<1.4	<0.50	<6.8			<1.4
	Carbon Tetrachloride	100	µg/L	E624/E625	No	ND	<0.60	<0.66	<0.60	<0.60	<0.66	<0.66	<0.60	<0.60	<0.66	<3.0	<3.0	<3.0		<0.66	<0.6	<3.3			<0.66
	Chlorobenzene	100	µg/L	E624/E625	No	ND	<0.40	<0.56	<0.40	<0.40	<0.56	<0.56	<0.40	<0.40	<0.56	<2.0	<2.0	<2.0		<0.56	<0.40	<2.8			<0.56
	Chlorodibromomethane	100	µg/L	E624/E625			<0.50	<0.61	<0.50	<0.50	<0.61	<0.61	<0.50	<0.50	<0.61	<2.5	<2.5	<2.5		<0.61	<0.50	<3.1			<0.61
	Chlorethane	100	µg/L	E624/E625	No	ND	<0.50	<0.92	<0.50	<0.50	<0.92	<0.92	<0.50	<0.50	<0.92	<2.5	<2.5	<2.5		<0.92	<0.50	<4.6			<0.92
	2-Chloroethylvinyl Ether	100	µg/L	E624/E625																					
	Chloroform	100	µg/L	E624/E625	No	17.7	<0.60	<0.64	<0.60	<0.60	<0.64	<0.64	<0.60	<0.60	<0.64	<3.0	<3.0	<3.0		<0.64	<0.60	17.7			<0.64
	Dichlorobromomethane	100	µg/L	E624/E625	No	ND	<0.50	<0.61	<0.50	<0.50	<0.61	<0.61	<0.50	<0.50	<0.61	<2.5	<2.5	<2.5		<0.61	<0.50	<3.1			<0.61
	1,1-Dichloroethane	100	µg/L	E624/E625	No	ND	<0.40	<0.52	<0.40	<0.40	<0.52	<0.52	<0.40	<0.40	<0.52	<2.0	<2.0	<2.0		<0.52	<0.40	<2.6			<0.52
	1,2-Dichloroethane	100	µg/L	E624/E625	Yes 7/12/2010 Primary Clarifier	991	<0.50	<0.62	<0.50	<0.50	<0.62	<0.62	<0.50	<0.50	<0.62	<2.5	<2.5	<2.5		<0.62	<0.50	991			<0.62
	1,1-Dichloroethylene	100	µg/L	E624/E625	No	ND	<0.50	<0.5	<0.50	<0.50	<0.5	<0.5	<0.50	<0.50	<0.5	<2.5	<2.5	<2.5		<0.5	<0.50	<2.5			<0.5
	1,2-Dichloropropane	100	µg/L	E624/E625	No	5.3	<0.70	<0.62	<0.70	<0.70	<0.62	<0.62	<0.70	<0.70	<0.62	<3.5	<3.5	<3.5		<0.62	<0.70	5.3 J			<0.62
	1,3-Dichloropropylene	100	µg/L	E624/E625	No	ND	<0.60	<0.68	<0.60	<0.60	<0.68	<0.68	<0.60	<0.60	<0.68	<3.0	<3.0	<3.0		<0.68	<0.60	<3.4			<0.68
	Ethyl benzene	100	µg/L	E624/E625	Yes 7/12/2010 Primary Clarifier	1,920	<0.50	0.98 J	0.70 J	0.98 J	0.79 J	1.2 J	<0.50	<0.50	<0.55	<2.5	<2.5	3.6 J		0.92 J	10	1920			<0.55
	Methyl Bromide	100	µg/L	E624/E625	No	ND	<0.50	<0.94	<0.50	<0.50	<0.94	<0.94	<0.50	<0.50	<0.94	<2.5	<2.5	<2.5		<0.94	<0.50	<4.7			<0.94
	Methyl Chloride	100	µg/L	E624/E625	No	ND	<0.50	<0.84	<0.50	<0.50	<0.84	<0.84	<0.50	<0.50	<0.84	<2.5	<2.5	<2.5		<0.84	<0.50	<4.2			<0.84
	Methylene Chloride	100	µg/L	E624/E625	Yes 7/12/2010 Primary Clarifier	669	<0.50	<0.41	<0.50	<0.50	<0.41	<0.41	<0.50	<0.50	<0.41	<2.5	<2.5	<2.5		<0.41	<0.50	669			<0.41
	1,1,2,2-Tetrachloroethane	100	µg/L	E624/E625	No	ND	<0.50	<1.2	<0.50	<0.50	<1.2	<1.2	<0.50	<0.50	<1.2	<2.5	<2.5	<2.5		<1.2	<0.50	<5.8			<1.2

Former US Oil Recovery/MCC Recycling Site. Pasadena, Texas - Data Summary - Water

= Analysis not required for Pretreatment Application but might be requested by the City

= Measured analyte level exceeded recommended pretreatment limit

= Additional Analyte analysis required for Pretreatment Application (field observation or measurement)

= Additional Analyte/Pollutant analysis required for Pretreatment Application (lab analysis)

= Limit established per City Ordinance - Section 37-116 & 37-118

= Limit established per TPDES Permit Requirement - Monitoring and Reporting Requirements 9. Changes in Discharges of Toxic Substances

2010 Analyses
2013 Analyses
2015 Analyses
2017 Analyses

H = Analyzed outside of Holding Time

J = Estimated vaule between laboratory sample quantitaion limit (SQL) and method quantitaion limit (MQL) (PQL).

ND = Non-Detect

2010 Analyses
2013 Analyses
2015 Analyses
2017 Analyses

H = Analyzed outside of Holding Time

J = Estimated vaule between laboratory sample quantitaion limit (SQL) and method quantitaion limit (MQL) (PQL).

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2010 Analyses
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ND = Non-Detect

						1			2					3		4	5	6			7
						Lift Station #1 9/7/2017	Lift Station #1 5/16/2013	Lift Station #1 5/16/2013	Chlorine Contact Tank 9/5/2017	Chlorine Contact Tank 9/5/2017	Chlorine Contact Tank 5/18/2015	Chlorine Contact Tank 5/18/2015	Chlorine Contact Tank 7/7/2010	Gravity Thickener 5/21/2015	Gravity Thickener 5/18/2015	Sand Filter 5/18/2015	Pump Control Room 7/7/2010	Oxygen Digester 1 9/21/2017	Oxygen Digester 1 9/21/2017	Oxygen Digester 1 7/12/2010	Oxygen Digester 2 9/21/2017
ANALYTE/POLLUTANT						LS1-WG-20170907	LS1-01-051613	LS1-02-051613	CCT1-W-20170905-B	CCT2-W-20170905-S	USOR CT 01 150518	USOR CT 02 150518	MCC-WW02-11-100707	USOR-GT-02-150521	USOR GT 01 150518	USOR-SF-01-150518	MCC-WW01-11-100707	USOR-OD1-01-170921	USOR-OD1-02-170921	MCC-WW04-11-100712	USOR-OD2-01-170921
						HS17090354-02	1305749-01	1305749-02	HS17090293-01	HS17090293-02	HS15050731 02	HS15050731 03	TS5856-3	HS15050898 01	HS15050731 01	HS15050731-04	TS5856-2	HS17091171-01	HS17091171-02	TS6085-2	HS17091171-03
Tetrachloroethylene	100	µg/L	E624/E625	No	40.9	<0.60			<0.60	<0.60	<0.60	<0.60	<0.91	0.84 J		<0.60	1.6 J	<0.60	<0.60	<0.91	<0.60
III. **National Categorical Prohibited Pollutants (City of Pasadena - Code of Ordinances 37-117)**	**Pretreatment Limits**	**UNITS**	**TEST METHOD**	**Past Exceedences (Yes/No)**	**Maximum Reading**																
VOLATILE COMPOUNDS																					
Tolulene	100	µg/L	E624/E625	Yes 7/7/2010 Chlorine Contact Tank	3,380	0.84 J			0.79 J	<0.50	<0.50	8.6	258	46		3.4 J	70	<0.50	0.70 J	1.5 J	<0.50
1,2-Trans-Dichloroethylene	100	µg/L	E624/E625	No	ND	<0.40			<0.40	<0.40	<0.40	<0.40	<0.45	<0.40		<0.40	<0.45	<0.40	<0.40	<0.45	<0.40
1,1,1-Trichloroethane	100	µg/L	E624/E625	No	ND	<0.50			<0.50	<0.50	<0.50	<0.50	<0.62	<0.50		<0.50	<0.62	<0.50	<0.50	<0.62	<0.50
1,1,2-Trichloroethane	100	µg/L	E624/E625	No	ND	<0.50			<0.50	<0.50	<0.50	<0.50	<0.98	<0.50		<0.50	<0.98	<0.50	<0.50	<0.98	<0.50
Trichloroethylene	100	µg/L	E624/E625	No	47.9	<0.50			<0.50	<0.50	<0.50	<0.50	0.79 J	3.8 J		<0.50	1.3 J	<0.50	<0.50	<0.52	<0.50
Vinyl Chloride	100	µg/L	E624/E625	No	ND	<0.40			<0.40	<0.40	<0.40	<0.40	<1	<0.40		<0.40	<1.0	<0.40	<0.40	<1	<0.40
ACID COMPOUNDS																					
2-Chlorophenol	100	µg/L	SW9066	No	ND	<0.040			<0.041	<0.040	<0.040	<0.040		<0.040		<0.040	<13.0	<0.040	<0.040	<6.6	<0.041
2,4-Dichlorophenol	100	µg/L	SW9066	No	ND	<0.066			<0.066	<0.066	<0.065	<0.065		<0.065		<0.065	<23.0	<0.066	<0.066	<12	<0.066
2,4-Dimethylphenol	100	µg/L	SW9066	No	8.6	<0.033			<0.034	<0.033	<0.033	1.6		2.4		2.7	<13.0	<0.033	<0.033	<6.9	<0.034
4,6-Dinitro-o-Creosol	100	µg/L	SW9066	No	ND	<0.074			<0.048	<0.074	<0.073	<0.073		<0.073		<0.073	<14.0	<0.074	<0.074	<7.5	<0.074
2,4-Dinitrophenol	500	µg/L	SW9066	No	ND	<0.051			<0.051	<0.051	<0.050	<0.050		<0.050		<0.050	<160.0	<0.051	<0.051	<83	<0.051
2-Nitrophenol	100	µg/L	SW9066	No	ND	<0.024			<0.024	<0.024	<0.024	<0.024		<0.024		<0.024	<21.0	<0.024	<0.024	<11	<0.024
4-Nitrophenol	100	µg/L	SW9066	No	ND	<0.061			<0.021	<0.061	<0.060	<0.060		<0.060		<0.060	<7.0	<0.061	<0.061	<36	<0.061
P-Chloro-m-Creosol	100	µg/L	SW9066	N/A	ND	<0.022			<0.021	<0.022	<0.022	<0.022		<0.022		<0.022	<12.0	<0.022	<0.022	<6.3	<0.022
Pentachlorophenol	100	µg/L	SW9066	No	ND	<0.046			<0.047	<0.046	<0.046	<0.046		<0.046		<0.046	<140.0	<0.046	<0.046	<72	<0.047
Phenol	100	µg/L	SW9066	Yes 7/12/2010 Oxygen Digestor 2	490	0.87			<0.033	<0.032	0.19 J	0.14 J		<0.032		0.68	184	<0.032	<0.032	81.4	<0.033
2,4,6-Trichlorophenol	100	µg/L	SW9066	No	ND	<0.061			<0.061	<0.061	<0.060	<0.060		<0.060		<0.060	<12.0	<0.061	<0.061	<6.2	<0.061
III. **National Categorical Prohibited Pollutants (City of Pasadena - Code of Ordinances 37-117)**	**Pretreatment Limits**	**UNITS**	**TEST METHOD**	**Past Exceedences (Yes/No)**	**Maximum Reading**																
BASE/NEUTRAL COMPOUNDS																					
Acenapthene	100	µg/L	E624/E625	Yes 7/12/2010 Primary Clarifier	847	<0.030			<0.031	<0.030	<0.030	<0.030		0.64		<0.030	<16.0	<0.030	<0.030	<8.5	<0.031
Acenapthylene	100	µg/L	E624/E625	No	ND	<0.021			<0.020	<0.021	<0.021	<0.021		<0.021		<0.021	<13.0	<0.021	<0.021	<6.6	<0.021
Anthracene	100	µg/L	E624/E625	0.17	0.17	<0.020			<0.020	<0.020	<0.020	<0.020		0.15 J		0.12 J	<12.0	<0.020	0.054 J	<6	<0.020
Benzidine	100	µg/L	E624/E625																		
Benzo(a)Anthracene	100	µg/L	E624/E625	No	0.54	<0.025			<0.026	<0.025	<0.025	<0.025		0.40		0.54	<11.0	<0.025	0.064 J	<5.9	<0.026
Benzo(a)Pyrene	100	µg/L	E624/E625	No	0.43	<0.030			<0.031	<0.030	<0.030	<0.030		<0.030		0.43	<11.0	<0.030	<0.030	<5.9	<0.031
3,4-Benzofluoranthene	100	µg/L	E624/E625																		
Benzo(ghi)Perylene	100	µg/L	E624/E625	No	0.26	<0.026			<0.027	<0.026	<0.026	<0.026		<0.026		0.26	<1.7	<0.026	<0.026	<9.1	<0.027
Benzo(k)Fluoranthene	100	µg/L	E624/E625	No	0.14	<0.028			<0.029	<0.028	<0.028	<0.028		<0.028		0.14 J	<1.1	<0.028	<0.028	<5.8	<0.029
Bis(2-Chloroethoxy)Methane	100	µg/L	E624/E625	No	ND	<0.022			<0.022	<0.022	<0.022	<0.022		<0.022		<0.022	<14.0	<0.022	<0.022	<7	<0.022
Bis(2-Chloroethyl)Ether	100	µg/L	E624/E625	No	ND	<0.029			<0.030	<0.029	<0.029	<0.029		<0.029		<0.029	<14.0	<0.029	<0.029	<7.1	<0.030
Bis(2-Chloroisopropyl)Ether	100	µg/L	E624/E625	No	ND	<0.065			<0.065	<0.065	<0.064	<0.064		<0.064		<0.064	<21.0	<0.065	<0.065	<11	<0.065
Bis(2-Ethylhexyl)Phthalate	100	µg/L	E624/E625	Yes 7/12/2010 Primary Clarifier	926	0.13 J			0.23	<0.033	5.4	5.4		3.5		4.7	37.3 J	0.081 J	<0.26	9.7 J	0.084 J
4-Bromophenyl Phenyl Ether	100	µg/L	E624/E625	No	ND	<0.047			<0.022	<0.047	<0.047	<0.047		<0.047		<0.047	<15.0	<0.047	<0.047	<7.5	<0.048
Butylbenzylphthalate	100	µg/L	E624/E625	No	ND	<0.021			<0.021	<0.021	<0.021	<0.021		<0.021		<0.021	<17.0	<0.021	<0.021	<8.9	<0.021
2-Chloronaphthalene	100	µg/L	E624/E625	No	0.14	<0.040			<0.041	<0.040	<0.040	<0.040		<0.040		<0.040	<15.0	<0.040	<0.040	<7.6	<0.041
4-Chlorophenyl Phenyl Ether	100	µg/L	E624/E625	No	ND	<0.043			<0.041	<0.043	<0.043	<0.043		<0.043		<0.043	<14.0	<0.043	<0.043	<7.2	<0.044
Chrysene	100	µg/L	E624/E625	No	6.1	<0.046			<0.047	<0.046	<0.046	<0.046		0.80		1.2	<1.0	<0.046	0.15 J	<5.4	<0.047
Dibenzo(a,h)Anthracene	100	µg/L	E624/E625	No	0.53	<0.026			<0.027	<0.026	<0.026	<0.026		<0.026		<0.026	<16.0	<0.026	<0.026	<8.5	<0.027
1,2-Dichlorobenzene	100	µg/L	E624/E625	No	ND	<0.60			<0.60	<0.60	<0.60	<0.60		<0.60		<0.60	<13.0	<0.60	<0.60	<6.8	<0.60
III. **National Categorical Prohibited Pollutants (City of Pasadena - Code of Ordinances 37-117)**	**Pretreatment Limits**	**UNITS**	**TEST METHOD**	**Past Exceedences (Yes/No)**	**Maximum Reading**																
BASE/NEUTRAL COMPOUNDS																					
1,3-Dichlorobenzene	100	µg/L	E624/E625	No	ND	<0.50			<0.50	<0.50	<0.50	<0.50		<0.50		<0.50	<13.0	<0.50	<0.50	<6.8	<0.50
1,4-Dichlorobenzene	100	µg/L	E624/E625	No	ND	NA			NA	NA	<12	<12		NA		<12	NA	NA	NA	NA	NA
3,3-Dichlorobenzidine	100	µg/L	E624/E625	No	ND	<0.024			<0.024	<0.024	<0.024	<0.024		<0.024		<0.024	<34.0	<0.024	<0.024	<17	<0.024
Diethyl Phthalate	100	µg/L	E624/E625	No	ND	<0.021			<0.021	<0.021	<0.021	<0.021		<0.021		<0.021	<11.0	<0.021	<0.021	<5.8	<0.021
Dimethyl Phthalate	100	µg/L	E624/E625	No	ND	<0.030			<0.031	<0.030	<0.030	<0.030		<0.030		<0.030	<11.0	<0.030	<0.030	<5.7	<0.031
Di-n-Butyl Phthalate	100	µg/L	E624/E625	Yes 7/12/2010 Primary Clarifier	377	<0.030			<0.031	<0.030	<0.030	<0.030		<0.030		0.13 J	12.6 J	<0.030	0.069 J	<5.6	<0.021
2,4-Dinitrotoluene	100	µg/L	E624/E625	No	ND	<0.030			<0.031	<0.030	<0.030	<0.030		<0.030		<0.030	<15.0	<0.030	<0.030	<7.8	<0.031
2,6-Dinitrotoluene	100	µg/L	E624/E625	No	ND	<0.051			<0.051	<0.051	<0.050	<0.050		<0.050		<0.050	<14.0	<0.051	<0.051	<7.3	<0.051
Di-n-Octyl Phthalate	100	µg/L	E624/E625	No	0.19	<0.023			<0.023	<0.023	<0.023	<0.023		<0.023		0.19 J	<14.0	<0.023	<0.023	<7.2	<0.031
1,2-Diphenyl Hydrazine	100	µg/L	E624/E625																		
Fluoranthene	100	µg/L	E624/E625	No	0.53	<0.020			<0.020	<0.020	<0.020	<0.020		0.28		0.53	<1.0	<0.020	0.090 J	<5.3	<0.020
Fluorene	100	µg/L	E624/E625	Yes 7/12/2010 Primary Clarifier	465	<0.021			<0.021	<0.021	<0.021	<0.021		0.64		<0.021	<14.0	<0.021	0.055 J	<7.3	<0.021
Hexachlorobenzene	100	µg/L	E624/E625	No	ND	<0.071			<0.071	<0.071	<0.070	<0.070		<0.070		<0.070	<14.0	<0.071	<0.071	<7.3	<0.071
Hexachlorobutadiene	100	µg/L	E624/E625	No	ND	<0.051			<0.051	<0.051	<0.050	<0.050		<0.050		<0.050	<12.0	<0.051	<0.051	<6	<0.051
Hexachloroethane	100	µg/L	E624/E625	No	ND	<0.034			<0.035	<0.034	<0.034	<0.034		<0.034		<0.034	<1.0	<0.034	<0.034	<5.3	<0.035
Indeno(1,2,3-cd)pyrene	100	µg/L	E624/E625	No	0.19	<0.052			<0.052	<0.052	<0.051	<0.051		<0.051		0.19 J	<19.0	<0.052	<0.052	<9.9	<0.052
Isophorone	100	µg/L	E624/E625	No	ND	<0.030			<0.031	<0.030	<0.030	<0.030		<0.030		<0.030	<13.0	<0.030	<0.030	<6.6	<0.031
Napthalene	100	µg/L	E624/E625	Yes 7/12/2010 Primary Clarifier	32,000	0.52			0.14 J	<0.051	<0.050	12		21		43	66.5	0.13 J	0.20 J	<6.2	<0.051
Nitrobenzene	100	µg/L	E624/E625	No	ND	<0.051			<0.051	<0.051	<0.050	<0.050		<0.050		<0.050	<18.0	<0.051	<0.051	<9.5	<0.051
N-Nitrosodimethylamine	100	µg/L	E624/E625		ND																
N-Nitrosodi-n-Propylamine	100	µg/L	E624/E625	No	ND	<0.040			<0.041	<0.040	<0.040	<0.040		<0.040		<0.040	<15.0	<0.040	<0.040	<7.8	<0.041
N-nitrosodiphenylamine	100	µg/L	E624/E625	No	ND	<0.029			<0.030	<0.029	<0.029	<0.029		<0.029		<0.029	<18.0	<0.029	<0.029	<9.1	<0.030
Phenathrene	100	µg/L	E624/E625	Yes 7/12/2010 Primary Clarifier	735	0.13 J			<0.020	<0.020	<0.020	<0.020		1.4		0.49	14.1 J	<0.020	0.21	<5.3	<0.020
Pyrene	100	µg/L	E624/E625	No	10.5	<0.022			<0.022	<0.022	<0.022	<0.022		1.1		1.1	<17.0	<0.022	0.15 J	<9.1	<0.022
1,2,4-Trichlorobenzene	100	µg/L	E624/E625	No	ND	<0.60			<0.60	<0.60	<0.60	<0.60		<0.60		<0.60	<13.0	<0.60	<0.60	<6.9	<0.60
III. **National Categorical Prohibited Pollutants (City of Pasadena - Code of Ordinances 37-117)**	**Pretreatment Limits**	**UNITS**	**TEST METHOD**	**Past Exceedences (Yes/No)**	**Maximum Reading**																
PESTICIDES																					
Aldrin	100	µg/L	E608																		
Alpha-BHC	100	µg/L	E608																		
beta-BHC	100	µg/L	E608																		
gamma-BHC	100	µg/L	E608																		
delta-BHC	100	µg/L	E608																		
Chlordane	100	µg/L	E608																		
4,4-DDT	100	µg/L	E608																		
4,4-DDE	100	µg/L	E608																		
4,4,-DDD	100	µg/L	E608																		
Dieldrin	100	µg/L	E608																		
alpha-Endosulfan	100	µg/L	E608																		
beta-Endosulfan	100	µg/L	E608																		
Endosulfan Sulfate	100	µg/L	E608																		
Endrin	100	µg/L	E608																		
Endrin Aldehyde	100	µg/L	E608																		
Heptachlor	100	µg/L	E608																		
Heptachlor Epoxide	100	µg/L	E608																		
PCBs (Total)	100	µg/L	E608																		
PCB-1242	100	µg/L	E608																		
PCB-1254	100	µg/L	E608																		
PCB-1221	100	µg/L	E608																		
PCB-1232	100	µg/L	E608																		
PCB-1248	100	µg/L	E608																		
PCB-1260	100	µg/L	E608																		
PCB-1016	100	µg/L	E608																		
Toxaphene	100	µg/L	E608																		
IV. **Analytes monitored at the treatment plant per TPDES Permit (Not Recommended for Analysis)**	**Pretreatment Limits**	**UNITS**	**TEST METHOD**	**Past Exceedences (Yes/No)**	**Maximum Reading**																

Former US Oil Recovery/MCC Recycling Site. Pasadena, Texas - Data Summary - Water

= Analysis not required for Pretreatment Application but might be requested by the City

= Measured analyte level exceeded recommended pretreatment limit

= Additional Analyte analysis required for Pretreatment Application (field observation or measurement)

= Additional Analyte/Pollutant analysis required for Pretreatment Application (lab analysis)

= Limit established per City Ordinance - Section 37-116 & 37-118

= Limit established per TPDES Permit Requirement - Monitoring and Reporting Requirements 9. Changes in Discharges of Toxic Substances

2010 Analyses
2013 Analyses
2015 Analyses
2017 Analyses

H = Analyzed outside of Holding Time

J = Estimated vaule between laboratory sample quantitaion limit (SQL) and method quantitaion limit (MQL) (PQL).

ND = Non-Detect

						8				9				10			11			12					13
						Oxygen Digester 2 9/21/2017	Oxygen Digester 2 7/12/2010	Clarifier #1 9/21/2017	Clarifier #1 9/21/2017	Clarifier #1 7/12/2010	Clarifier #1 7/12/2010	Clarifier #2 9/21/2017	Clarifier #2 9/21/2017	Clarifier #2 7/12/2010	Aerobic Digester 7/16/2015	Aerobic Digester 7/16/2015	Aerobic Digester 7/16/2015	Aeration Basin (Final Clarifier) 3/19/2015	Aeration Basin (Final Clarifier) 3/19/2015	Aeration Basin (Final Clarifier) 7/12/2010	Primary Clarifier 5/21/2015	Primary Clarifier 7/12/2010	Primary Clarifier 5/18/2015	Primary Clarifier 5/18/2015	Oil/Water Separator 7/12/2010
	ANALYTE/POLLUTANT					**USOR-OD2-02-170921**	**MCC-WW03-11-100712**	**USOR-C1-01-170921**	**USOR-C1-02-170921**	**MCC-WW06-11-100712**	**MCC-WW07-12-100712**	**USOR-C2-01-170921**	**USOR-C2-02-170921**	**MCC-WW05-11-100712**	**USOR-AD-01-150716**	**USOR-AD-02-150716**	**USOR-AD-03-150716**	**USOR AB 01 150319**	**USOR AB 02 150319**	**MCC-WW09-11-100712**	**USOR-PC-03-150521**	**MCC-WW08-11-100712**	**USOR-PC-01-150518**	**USOR-PC-02-150518**	**MCC-WW10-11-100712**
						HS17091171-04	**TS6085-1**	**HS17091171-05**	**HS17091171-06**	**TS6085-4**	**TS6085-5**	**HS17091171-07**	**HS17091171-08**	**TS6085-3**	**HS15070682-01**	**HS15070682-02**	**HS15070682-03**	**HS15030665 01**	**HS15030665 02**	**TS6085-7**	**HS15050898-02**	**TS6085-6**	**HS15050731-05**	**HS1505731-06**	**TS6085-8**
	Tetrachloroethylene	100	µg/L	E624/E625	No	40.9	<0.60	<0.91	<0.50	<0.50	<0.91	<0.91	<0.50	<0.50	<0.91	<3.0	<3.0	<3.0			<0.91	<0.60	40.9			<0.91
III.	**National Categorical Prohibited Pollutants (City of Pasadena - Code of Ordinances 37-117)**	**Pretreatment Limits**	**UNITS**	**TEST METHOD**	**Past Exceedences (Yes/No)**	**Maximum Reading**																			
	VOLATILE COMPOUNDS																								
	Tolulene	100	µg/L	E624/E625	Yes 7??/2010 Chlorine Contact Tank	3,380	<0.50	4.2	0.62 J	0.92 J	1.5 J	2	<0.50	<0.50	0.61 J	<2.5	<2.5	2.6 J			0.81 J	15	3380			<0.43
	1,2-Trans-Dichloroethylene	100	µg/L	E624/E625	No	ND	<0.40	<0.45	<0.40	<0.40	<0.45	<0.45	<0.40	<0.40	<0.45	<2.0	<2.0	<2.0			<0.45	<0.40	<2.2			<0.45
	1,1,1-Trichloroethane	100	µg/L	E624/E625	No	ND	<0.50	<0.62	<0.50	<0.50	<0.62	<0.62	<0.50	<0.50	<0.62	<2.5	<2.5	<2.5			<0.62	<0.50	<3.1			<0.62
	1,1,2-Trichloroethane	100	µg/L	E624/E625	No	ND	<0.50	<0.98	<0.50	<0.50	<0.98	<0.98	<0.50	<0.50	<0.98	<2.5	<2.5	<2.5			<0.98	<0.50	<4.9			<0.98
	Trichloroethylene	100	µg/L	E624/E625	No	47.9	<0.50	<0.52	<0.50	<0.50	<0.52	<0.52	<0.50	<0.50	<0.52	<2.5	<2.5	<2.5			<0.52	<0.50	47.9			<0.52
	Vinyl Chloride	100	µg/L	E624/E625	No	ND	<0.40	<1	<0.40	<0.40	<1	<1	<0.40	<0.40	<1	<2.0	<2.0	<2.0			<1	<0.40	<5.1			<1
	ACID COMPOUNDS																								
	2-Chlorophenol	100	µg/L	SW9066	No	ND	<0.041	<7	<0.040	<0.041	<6.6	<6.6	<0.040	<0.040	<6.6	<0.040	<0.040	<0.040			<6.5	<0.040	<260			<1.2
	2,4-Dichlorophenol	100	µg/L	SW9066	No	ND	<0.066	<13	<0.066	<0.066	<12	<12	<0.065	<0.065	<12	<0.065	<0.065	<0.065			<12	<0.065	<480			<2.2
	2,4-Dimethylphenol	100	µg/L	SW9066	No	8.6	<0.034	<7.4	<0.033	0.59	<7	<7	<0.033	<0.033	<7	8.6	2.3	<0.033			<6.9	1.3	<280			<1.3
	4,6-Dinitro-o-Creosol	100	µg/L	SW9066	No	ND	<0.074	<8	<0.074	<0.074	<7.5	<7.5	<0.073	<0.073	<7.5	<0.073	<0.073	<0.073			<7.4	<0.073	<300			<1.4
	2,4-Dinitrophenol	500	µg/L	SW9066	No	ND	<0.051	<88	<0.051	<0.051	<83	<83	<0.050	<0.050	<83	<0.050	<0.050	<0.050			<82	<0.050	<3300			<15
	2-Nitrophenol	100	µg/L	SW9066	No	ND	<0.024	<12	<0.024	<0.024	<11	<11	<0.024	<0.024	<11	<0.024	<0.024	<0.024			<11	<0.024	<430			<2
	4-Nitrophenol	100	µg/L	SW9066	No	ND	<0.061	<39	<0.061	<0.061	<37	<37	<0.060	<0.060	<37	<0.060	<0.060	<0.060			<36	<0.060	<1400			<6.7
	P-Chloro-m-Creosol	100	µg/L	SW9066	N/A	ND	<0.022	<6.7	<0.022	<0.022	<6.4	<6.4	<0.022	<0.022	<6.4	<0.022	<0.022	<0.022			<6.3	<0.022	<250			<1.2
	Pentachlorophenol	100	µg/L	SW9066	No	ND	<0.047	<77	<0.046	<0.047	<73	<73	<0.046	<0.046	<73	<0.046	<0.046	<0.046			<72	<0.046	<2900			<13
	Phenol	100	µg/L	SW9066	Yes 7/12/2010 Oxygen Digestor 2	499	<0.033	499	<0.032	<0.033	142	198	<0.032	<0.032	25.9 J	1.6	0.86	2.3			<4.1	1.1	<160			<0.75
	2,4,6-Trichlorophenol	100	µg/L	SW9066	No	ND	<0.061	<6.6	<0.061	<0.061	<6.3	<6.3	<0.060	<0.060	<6.3	<0.060	<0.060	<0.060			<6.2	<0.060	<250			<1.1
III.	**National Categorical Prohibited Pollutants (City of Pasadena - Code of Ordinances 37-117)**	**Pretreatment Limits**	**UNITS**	**TEST METHOD**	**Past Exceedences (Yes/No)**	**Maximum Reading**																			
	BASE/NEUTRAL COMPOUNDS																								
	Acenapthene	100	µg/L	E624/E625	Yes 7/12/2010 Primary Clarifier	847	<0.031	<9.1	<0.030	0.11 J	<8.6	<8.6	<0.030	<0.030	<8.6	<0.030	0.082 J	<0.030			<8.5	<0.030	847 J			<1.6
	Acenapthylene	100	µg/L	E624/E625	No	ND	<0.021	<7	<0.021	<0.021	<6.6	<6.6	<0.021	<0.021	<6.6	<0.021	<0.021	<0.021			<6.6	<0.021	<260			<1.2
	Anthracene	100	µg/L	E624/E625	0.17	0.17	<0.020	<6.4	<0.020	<0.020	<6	<6	<0.020	0.17 J	<6	<0.020	<0.020	<0.020			<6	<0.020	<240			<1.1
	Benzidine	100	µg/L	E624/E625																					
	Benzo(a)Anthracene	100	µg/L	E624/E625	No	0.54	<0.026	<6.3	<0.025	0.063 J	<5.9	<5.9	<0.025	0.27	<5.9	<0.025	<0.025	0.13 J			<5.9	<0.025	<230			<1.1
	Benzo(a)Pyrene	100	µg/L	E624/E625	No	0.43	<0.031	<6.3	<0.030	<0.031	<5.9	<5.9	<0.030	0.18 J	<5.9	<0.030	<0.030	<0.030			<5.9	<0.030	<230			<1.1
	3,4-Benzofluoranthene	100	µg/L	E624/E625																					
	Benzo(ghi)Perylene	100	µg/L	E624/E625	No	0.26	<0.027	<9.7	<0.026	<0.027	<9.1	<9.1	<0.026	0.12 J	<9.1	<0.026	<0.026	<0.026			<9	<0.026	<360			<1.7
	Benzo(k)Fluoranthene	100	µg/L	E624/E625	No	0.14	<0.029	<6.2	<0.028	<0.029	<5.8	<5.8	<0.028	0.079 J	<5.8	<0.028	<0.028	<0.028			<5.8	<0.028	<230			<1.1
	Bis(2-Chloroethoxy)Methane	100	µg/L	E624/E625	No	ND	<0.022	<7.5	<0.022	<0.022	<7.1	<7.1	<0.022	<0.022	<7.1	<0.022	<0.022	<0.022			<7	<0.022	<280			<1.3
	Bis(2-Chloroethy)Ether	100	µg/L	E624/E625	No	ND	<0.030	<7.6	<0.029	<0.030	<7.1	<7.1	<0.029	<0.029	<7.1	<0.029	<0.029	<0.029			<7.1	<0.029	<280			<1.3
	Bis(2-Chloroisopropy)Ether	100	µg/L	E624/E625	No	ND	<0.065	<12	<0.065	<0.065	<11	<11	<0.064	<0.064	<11	<0.064	<0.064	<0.064			<11	<0.064	<430			<2
	Bis(2-Ethylhexyl)Phthalate	100	µg/L	E624/E625	Yes 7/12/2010 Primary Clarifier	926	<0.29	10.7 J	0.062 J	0.22	<9.7	12 J	0.057 J	1.1	<9.7	0.77	0.5	0.54			33.7	0.65	926 J			1.8 J
	4-Bromophenyl Phenyl Ether	100	µg/L	E624/E625	No	ND	<0.048	<8	<0.047	<0.048	<7.6	<7.6	<0.047	<0.047	<7.6	<0.047	<0.047	<0.047			<7.5	<0.047	<300			<1.4
	Butylbenzylphthalate	100	µg/L	E624/E625	No	ND	<0.021	<9.5	<0.021	<0.021	<9	<9	<0.021	<0.021	<9	<0.021	<0.021	<0.021			<8.9	<0.021	<350			<1.6
	2-Chloronaphthalene	100	µg/L	E624/E625	No	0.14	<0.041	<8.1	<0.040	0.14 J	<7.6	<7.6	<0.040	<0.040	<7.6	<0.040	<0.040	<0.040			<7.6	<0.040	<300			<1.4
	4-Chlorophenyl Phenyl Ether	100	µg/L	E624/E625	No	ND	<0.044	<7.6	<0.043	<0.044	<7.2	<7.2	<0.043	<0.043	<7.2	<0.043	<0.043	<0.043			<7.1	<0.043	<280			<1.3
	Chrysene	100	µg/L	E624/E625	No	6.1	0.12 J	<5.7	<0.046	0.12	<5.4	<5.4	<0.046	0.55	<5.4	0.13 J	<0.046	0.16 J			6.1 J	<0.046	<210			<0.98
	Dibenzo(a,h)Anthracene	100	µg/L	E624/E625	No	0.53	<0.027	<9	<0.026	<0.027	<8.5	<8.5	<0.026	0.052 J	<8.5	<0.026	<0.026	<0.026			<8.4	<0.026	<340			<1.6
	1,2-Dichlorobenzene	100	µg/L	E624/E625	No	ND	<0.60	<7.3	<0.60	<0.60	<6.9	<6.9	<0.60	<0.60	<6.9	<3.0	<3.0	<3.0			<6.8	<0.60	<270			<1.3
III.	**National Categorical Prohibited Pollutants (City of Pasadena - Code of Ordinances 37-117)**	**Pretreatment Limits**	**UNITS**	**TEST METHOD**	**Past Exceedences (Yes/No)**	**Maximum Reading**																			
	BASE/NEUTRAL COMPOUNDS																								
	1,3-Dichlorobenzene	100	µg/L	E624/E625	No	ND	<0.50	<7.3	<0.50	<0.50	<6.9	<6.9	<0.50	<0.50	<6.9	<2.5	<2.5	<2.5			<6.8	<0.50	<270			<1.3
	1,4-Dichlorobenzene	100	µg/L	E624/E625	No	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA			<7	<0.60	<280			<1.3
	3,3-Dichlorobenzidine	100	µg/L	E624/E625	No	ND	<0.024	<19	<0.024	<0.024	<18	<18	<0.024	<0.024	<18	<0.024	<0.024	<0.024			<17	<0.024	<690			<3.2
	Diethyl Phthalate	100	µg/L	E624/E625	No	ND	<0.021	<6.2	<0.021	<0.021	<5.9	<5.9	<0.021	<0.021	<5.9	<0.021	<0.021	<0.021			<5.8	<0.021	<230			<1.1
	Dimethyl Phthalate	100	µg/L	E624/E625	No	ND	<0.031	<6.1	<0.030	<0.031	<5.8	<5.8	<0.030	<0.030	<5.8	<0.030	<0.030	<0.030			<5.7	<0.030	<230			<1.1
	Di-n-Butyl Phthalate	100	µg/L	E624/E625	Yes 7/12/2010 Primary Clarifier	377	0.071 J	<5.9	<0.030	<0.031	<5.6	<5.6	<0.030	<0.030	<5.6	<0.030	<0.030	<0.030			<5.5	<0.030	377 J			<1
	2,4-Dinitrotoluene	100	µg/L	E624/E625	No	ND	<0.031	<8.3	<0.030	<0.031	<7.9	<7.9	<0.030	<0.030	<7.9	<0.030	<0.030	<0.030			<7.8	<0.030	<310			<1.4
	2,6-Dinitrotoluene	100	µg/L	E624/E625	No	ND	<0.051	<7.7	<0.051	<0.051	<7.3	<7.3	<0.050	<0.050	<7.3	<0.050	<0.050	<0.050			<7.2	<0.050	<290			<1.3
	Di-n-Octyl Phthalate	100	µg/L	E624/E625	No	0.19	<0.031	<7.6	<0.023	<0.023	<7.2	<7.2	<0.023	<0.023	<7.2	<0.023	<0.023	<0.023			<7.1	<0.023	<280			<1.3
	1,2-Diphenyl Hydrazine	100	µg/L	E624/E625																					
	Fluoranthene	100	µg/L	E624/E625	No	0.53	0.068 J	<5.6	<0.020	0.13 J	<5.3	<5.3	<0.020	0.45	<5.3	<0.020	0.14 J	0.72			<5.3	<0.020	<210			<0.97
	Fluorene	100	µg/L	E624/E625	Yes 7/12/2010 Primary Clarifier	865	<0.021	<7.8	<0.021	0.11 J	<7.4	<7.4	<0.021	0.18 J	<7.4	<0.021	<0.021	<0.021			<7.3	<0.021	865 J			<1.3
	Hexachlorobenzene	100	µg/L	E624/E625	No	ND	<0.071	<7.8	<0.071	<0.071	<7.4	<7.4	<0.070	<0.070	<7.4	<0.070	<0.070	<0.070			<7.3	<0.070	<290			<1.3
	Hexachlorobutadiene	100	µg/L	E624/E625	No	ND	<0.051	<6.4	<0.051	<0.051	<6	<6	<0.050	<0.050	<6	<0.050	<0.050	<0.050			<6	<0.050	<240			<1.1
	Hexachloroethane	100	µg/L	E624/E625	No	ND	<0.035	<5.6	<0.034	<0.035	<5.3	<5.3	<0.034	<0.034	<5.3	<0.034	<0.034	<0.034			<5.3	<0.034	<210			<0.97
	Indeno(1,2,3-cd)pyrene	100	µg/L	E624/E625	No	0.19	<0.052	<11	<0.052	<0.052	<9.9	<9.9	<0.051	0.069 J	<9.9	<0.051	<0.051	<0.051			<9.8	<0.051	<390			<1.8
	Isophorone	100	µg/L	E624/E625	No	ND	<0.031	<7	<0.030	<0.031	<6.6	<6.6	<0.030	<0.030	<6.6	<0.030	<0.030	<0.030			<6.5	<0.030	<260			<1.2
	Napthalene	100	µg/L	E624/E625	Yes 7/12/2010 Primary Clarifier	12,000	0.11 J	<6.6	0.36	4.1	<6.2	6.8 J	<0.050	1.5	<6.2	2.3	0.72	4.5			<6.1	5.5	12000			<1.1
	Nitrobenzene	100	µg/L	E624/E625	No	ND	<0.051	<10	<0.051	<0.051	<9.5	<9.5	<0.050	<0.050	<9.5	<0.050	<0.050	<0.050			<9.4	<0.050	<380			<1.7
	N-Nitrosodimethylamine	100	µg/L	E624/E625		ND												NA			<0.029	<360	NA			
	N-Nitrosodi-n-Propylamine	100	µg/L	E624/E625	No	ND	<0.041	<8.3	<0.040	<0.041	<7.8	<7.8	<0.040	<0.040	<7.8	<0.040	<0.040	<0.040			<7.7	<0.040	<310			<1.4
	N-nitrosodiphenylamine	100	µg/L	E624/E625	No	ND	<0.030	<9.7	<0.029	<0.030	<9.2	<9.2	<0.029	<0.029	<9.2	<0.029	<0.029	<0.029			<9.1	<0.029	<360			<1.7
	Phenathrene	100	µg/L	E624/E625	Yes 7/12/2010 Primary Clarifier	735	0.15 J	<5.6	0.081 J	0.41	<5.3	<5.3	<0.020	1.1	<5.3	<0.020	<0.020	<0.020			<5.3	<0.020	735 J			<0.97
	Pyrene	100	µg/L	E624/E625	No	10.5	0.12 J	<9.7	<0.022	0.19 J	<9.1	<9.1	<0.022	0.75	<9.1	<0.022	0.14 J	0.26			10.5 J	<0.022	<360			<1.7
	1,2,4-Trichlorobenzene	100	µg/L	E624/E625	No	ND	<0.60	<7.4	<0.60	<0.60	<7	<7	<0.60	<0.60	<7	<3.0	<3.0	<3.0			<6.9	<0.60	<280			<1.3
III.	**National Categorical Prohibited Pollutants (City of Pasadena - Code of Ordinances 37-117)**	**Pretreatment Limits**	**UNITS**	**TEST METHOD**	**Past Exceedences (Yes/No)**	**Maximum Reading**																			
	PESTICIDES																								
	Aldrin	100	µg/L	E608																					
	Alpha-BHC	100	µg/L	E608																					
	beta-BHC	100	µg/L	E608																					
	gamma-BHC	100	µg/L	E608																					
	delta-BHC	100	µg/L	E608																					
	Chlordane	100	µg/L	E608																					
	4,4-DDT	100	µg/L	E608																					
	4,4-DDE	100	µg/L	E608																					
	4,4,-DDD	100	µg/L	E608																					
	Dieldrin	100	µg/L	E608																					
	alpha-Endosulfan	100	µg/L	E608																					
	beta-Endosulfan	100	µg/L	E608																					
	Endosulfan Sulfate	100	µg/L	E608																					
	Endrin	100	µg/L	E608																					
	Endrin Aldehyde	100	µg/L	E608																					
	Heptachlor	100	µg/L	E608																					
	Heptachlor Epoxide	100	µg/L	E608																					
	PCBs (Total)	100	µg/L	E608																					
	PCB-1242	100	µg/L	E608																					
	PCB-1254	100	µg/L	E608																					
	PCB-1221	100	µg/L	E608																					
	PCB-1232	100	µg/L	E608																					
	PCB-1248	100	µg/L	E608																					
	PCB-1260	100	µg/L	E608																					
	PCB-1016	100	µg/L	E608																					
	Toxaphene	100	µg/L	E608																					
IV.	**Analytes monitored at the treatment plant per TPDES Permit (Not Recommended for Analysis)**	**Pretreatment Limits**	**UNITS**	**TEST METHOD**	**Past Exceedences (Yes/No)**	**Maximum Reading**																			

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2013 Analyses
2015 Analyses
2017 Analyses

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						1			2					3		4	5	6			7
						Lift Station #1 9/7/2017	Lift Station #1 5/16/2013	Lift Station #1 5/16/2013	Chlorine Contact Tank 9/5/2017	Chlorine Contact Tank 9/5/2017	Chlorine Contact Tank 5/18/2015	Chlorine Contact Tank 5/18/2015	Chlorine Contact Tank 7/7/2010	Gravity Thickener 5/21/2015	Gravity Thickener 5/18/2015	Sand Filter 5/18/2015	Pump Control Room 7/7/2010	Oxygen Digester 1 9/21/2017	Oxygen Digester 1 9/21/2017	Oxygen Digester 1 7/12/2010	Oxygen Digester 2 9/21/2017
ANALYTE/POLLUTANT						**LS1-WG-20170907**	**LS1-01-051613**	**LS1-02-051613**	**CCT1-W-20170905-B**	**CCT2-W-20170905-S**	**USOR CT 01 150518**	**USOR CT 02 150518**	**MCC-WW02-11-100707**	**USOR-GT-02-150521**	**USOR GT 01 150518**	**USOR-SF-01-150518**	**MCC-WW01-11-100707**	**USOR-OD1-01-170921**	**USOR-OD1-02-170921**	**MCC-WW04-11-100712**	**USOR-OD2-01-170921**
						HS17090354-02	**1305749-01**	**1305749-02**	**HS17090293-01**	**HS17090293-02**	**HS15050731 02**	**HS15050731 03**	**TS5856-3**	**HS15050898 01**	**HS15050731 01**	**HS15050731-04**	**TS5856-2**	**HS17091171-01**	**HS17091171-02**	**TS6085-2**	**HS17091171-03**
CBOD		mg/L	SM5210 B																		
Ammonia Nitrogen		mg/L	SM4500 NH3-D																		
Total Kjeldahl Nitrogen		mg/L	M4500 NH3																		
E Coli		CPU or MPN/100 ml																			
Dissolved Oxygen		mg/L	M4500-O G																		
V. **Analyte identified as TMDL in the 2014 Texas Integrated Report - Texas 303(d) List for Segment 1007 (Not Recommended for Analysis)**	**Pretreatment Limits**	**UNITS**	**TEST METHOD**	**Past Exceedences (Yes/No)**	**Maximum Reading**																
Dioxins																					

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						8						9			10			11			12				13
						Oxygen Digester 2	Oxygen Digester 2	Clarifier #1	Clarifier #1	Clarifier #1	Clarifier #1	Clarifier #2	Clarifier #2	Clarifier #2	Aerobic Digester	Aerobic Digester	Aerobic Digester	Aeration Basin (Final Clarifier)	Aeration Basin (Final Clarifier)	Aeration Basin (Final Clarifier)	Primary Clarifier	Primary Clarifier	Primary Clarifier	Primary Clarifier	Oil/Water Separator
						9/21/2017	7/12/2010	9/21/2017	9/21/2017	7/12/2010	7/12/2010	9/21/2017	9/21/2017	7/12/2010	7/16/2015	7/16/2015	7/16/2015	3/19/2015	3/19/2015	7/12/2010	5/21/2015	7/12/2010	5/18/2015	5/18/2015	7/12/2010
ANALYTE/POLLUTANT						USOR-OD2-02-170921	MCC-WW03-11-100712	USOR-C1-01-170921	USOR-C1-02-170921	MCC-WW06-11-100712	MCC-WW07-12-100712	USOR-C2-01-170921	USOR-C2-02-170921	MCC-WW05-11-100712	USOR-AD-01-150716	USOR-AD-02-150716	USOR-AD-03-150716	USOR AB 01 150319	USOR AB 02 150319	MCC-WW09-11-100712	USOR-PC-03-150521	MCC-WW08-11-100712	USOR-PC-01-150518	USOR-PC-02-150518	MCC-WW10-11-100712
						HS17091171-04	T56085-1	HS17091171-05	HS17091171-06	T56085-4	T56085-5	HS17091171-07	HS17091171-08	T56085-3	HS15070682-01	HS15070682-02	HS15070682-03	HS15030665 01	HS15030665 02	T56085-7	HS15050898-02	T56085-6	HS15050731-05	HS1505731-06	T56085-8
CBOD		mg/L	SM5210 B																						
Ammonia Nitrogen		mg/L	SM4500 NH3-D																						
Total Kjeldahl Nitrogen		mg/L	M4500 NH3																						
E Coli		CPU or MPN/100 ml																							
Dissolved Oxygen		mg/L	M4500-O G																						
V. Analyte identified as TMDL in the 2014 Texas Integrated Report - Texas 303(d) List for Segment 1007 (Not Recommended for Analysis)	Pretreatment Limits	UNITS	TEST METHOD	Past Exceedences (Yes/No)	Maximum Reading																				
Dioxins																									

Former US Oil Recovery/MCC Recycling Site.
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							1			2				3		4	5	6		
							Lift Station #1 9/7/2017	Lift Station #1 5/16/2013	Lift Station #1 5/16/2013	Chlorine Contact Tank 9/5/2017	Chlorine Contact Tank 9/5/2017	Chlorine Contact Tank 5/18/2015	Chlorine Contact Tank 5/18/2015	Chlorine Contact Tank 7/7/2010	Gravity Thickener 5/21/2015	Gravity Thickener 5/18/2015	Sand Filter 5/18/2015	Pump Control Room 7/7/2010	Oxygen Digester 1 9/21/2017	Oxygen Digester 1 9/21/2017	Oxygen Digester 1 7/12/2010
	ANALYTE/POLLUTANT						LS1-WG-20170907	LS1-01-051613	LS1-02-051613	CCT1-W-20170905-B	CCT2-W-20170905-S	USOR CT 01 150518	USOR CT 02 150518	MCC-WW02-11-100707	USOR-GT-02-150521	USOR GT 01 150518	USOR-SF-01-150518	MCC-WW01-11-100707	USOR-OD1-01-170921	USOR-OD1-02-170921	MCC-WW04-11-100712
							HS17090354-02	1305749-01	1305749-02	HS17090293-01	HS17090293-02	HS15050731 02	HS15050731 03	TS5856-3	HS15050898 01	HS15050731 01	HS15050731-04	TS5856-2	HS17091171-01	HS17091171-02	TS6085-2
I.	**Non-Categorical Prohibited Pollutants (City of Pasadena - Code of Ordinances 37-116)**	**Required or Recommended Pretreatment Limits**	**UNITS**	**TEST METHOD**	**Past Exceedences (Yes/No)**	**Maximum Reading**															
1	Closed Cup Flash Point	140 (60)	F (C)	40 CFR 261.21																	
2	pH (standard units)	See below		See below		6.64<pH<9.09		7.41 H	7.70 H			8.14 H	7.46 H			6.64 H	8.21 H				
3	Solid or Viscous Substances causing obstruction of flow			Field (Visual)																	
4	Excessive Loading	Varies	lbs/day	N/A																	
5	Temperature (Degrees F)	150(65)	F (C)	Field (temp probe)																	
6	Total Petroleum Hydrocarbons (TPH)		mg/L	TX1005		2.8															
7	Toxic Fumes (VOCs)			Field (PID meter)																	
8	Trucked or hauled pollutants			N/A																	
9	Odor			Field (Olfactory)																	
10	Color			SM2120B																	
10	Turbidity			E180.1																	
11	Radioactivity			?																	
12	Storm, surface, ground, etc. water			N/A																	
13	Industrial Sludge			Field (Visual)																	
14	Medical Waste	None		Field (Visual)																	
I.	**Non-Categorical Prohibited Pollutants (City of Pasadena - Code of Ordinances 37-116)**	**Required or Recommended Pretreatment Limits**	**UNITS**	**TEST METHOD**	**Past Exceedences (Yes/No)**	**Maximum Reading**															
15	Toxicity	See below		See below																	
16	Detergents (Surfactants)			?																	
17	Oil and Grease	See below		See below																	
18	Lower Explosive Limit (2 readings)	5	%	Field (4 gas meter)																	
18	Lower Explosive Limit (1 reading)	10	%	Field (4 gas meter)																	
19	No Trash & Debris			Field (Visual)																	
20	Miscellaneous pollutants																				
21	Corrosive (pH)	See below		See below																	
22	No Domestic Sewage Waste			Field (Visual)																	
23	40 CFR Part 261 Hazardous Wastes	See below		See below																	
24	Pesticides	See below		See below																	
25	No Sewage Sludge			Field (Visual)																	
26	Antimony	See below		See below																	
26	Beryllium	See below		See below																	
26	Bismuth	0.1	mg/L																		
26	Boron	0.1	mg/L																		
26	Molybdenum	0.1	mg/L																		
26	Tellurium	0.1	mg/L																		
26	Tin	0.1	mg/L																		
26	Gasoline	See TPH Results		See TPH Results																	
26	Naphtha	See TPH Results		See TPH Results																	
26	Insecticides																				
26	Herbicides			SW8151																	
26	Fungicides																				
26	Uranylion																				
26	Radioactive Elements (Gross Alpha/Beta)	See above		See above																	
II.	**Local Limits (City of Pasadena - Code of Ordinances 37-118)**	**Pretreatment Limits**	**UNITS**	**TEST METHOD**	**Past Exceedences (Yes/No)**	**Maximum Reading**															
	Oil and Grease (petroleum or mineral products, animal or vegetable base)	400	mg/L	E1664A																	
	pH (standard units)	5.0<pH<11.0	-	SM4500H+B	No	6.64<pH<9.09		7.41 H	7.70 H			8.14 H	7.46 H			6.64 H	8.21 H				
	BOD (5-day)	250	mg/L	SM5210 B																	
	Total Suspended Solids	250	mg/L	M2540D																	
	40 CFR Part 122 Subpart D Appendix D Table III																				
	METALS, CYANIDE, AND PHENOLS																				
	Antimony, Total	0.1	mg/L	200.8	Yes 7/12/2010 Primary Clarifier	0.637	<0.000400					0.000835 J	0.000727 J		0.0244		0.00745	0.0053			0.0053
	Arsenic, Total	2.0	mg/L	200.8	No	0.118	0.00537			0.00368	0.00394	0.00457 J	0.00593		0.00467 J		0.0138	0.0107	0.00142 J	0.00181 J	0.0068
	Beryllium, Total	0.1	mg/L	200.8	No	ND	<0.000200			<0.000500	<0.000500	<0.000500	<0.000500		<0.000500		<0.000500	<0.00016			<0.00016
	Cadmium, Total	0.2	mg/L	200.8	No	0.016	<0.000200			<0.000200	<0.000200	<0.000600	<0.000600		0.000726 J		0.00133 J	0.00026 B	<0.000200	0.000966 J	0.00025 B
	Chromium, Total		mg/L	200.8	No	0.932	0.000994 J			0.000711 J	0.000600 J	0.00215 J	0.00294 J		0.0326		0.0187	0.0119	<0.000400	0.00236 J	0.003 B
	Chromium, (Hex)	1.0	mg/L	SW7196																	
	Chromium (Tri)5		mg/L	Calculation																	
	Copper, Total	2.0	mg/L	200.8	Yes 7/12/2010 Primary Clarifier	2.56												0.0237 B			<0.0059
	Lead, Total	1.0	mg/L	200.8	Yes 7/12/2010 Primary Clarifier	1.11	<0.000600			<0.000600		<0.00700	<0.00700		0.0202		0.0531	0.0075	<0.000600	0.00457	0.0071
	Mercury, Total	0.008	mg/L	200.8	Yes 7/12/2010 Primary Clarifier	0.264	<0.0000300			<0.0000300		<0.0000420	<0.0000420		0.00208		0.00106	0.00025	<0.0000300	0.00019	<0.000094
	Nickel, Total	2.0	mg/L	200.8	No	1.89	0.0308					0.0194 J	0.0195 J		0.0642		0.0967	0.08			0.0903
	Selenium, Total		mg/L	200.8	?	0.0129	<0.00110			<0.00110		<0.0100	<0.0100		0.000971 J		0.00251 J	<0.00098	<0.00110	<0.00110	0.0028 B
	Silver, Total	1.0	mg/L	200.8	No	0.0227	<0.000200			<0.000200		<0.00800	<0.00800		<0.000500		0.00238 J	0.00082 B	<0.000200	0.000509 J	<0.00024
	Thallium, Total		mg/L	200.8	No	ND												<0.0012			<0.0012
	Zinc, Total	3.0	mg/L	200.8	Yes 7/12/2010 Primary Clarifier	35.4												0.189			0.0638
	Cyanide, Available		mg/L	200.8																	
	Cyanide, Total		mg/L	MN4500CN E&G																	
	Phenols, Total		mg/L	SW9066																	

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							7		8					9			10			11			12					13
							Oxygen Digester 2	Oxygen Digester 2	Oxygen Digester 2	Clarifier #1	Clarifier #1	Clarifier #1	Clarifier #1	Clarifier #2	Clarifier #2	Clarifier #2	Aerobic Digester	Aerobic Digester	Aerobic Digester	Aeration Basin (Final Clarifier)	Aeration Basin (Final Clarifier)	Aeration Basin (Final Clarifier)	Primary Clarifier	Primary Clarifier	Primary Clarifier	Primary Clarifier	Oil/Water Separator
							9/21/2017	9/21/2017	7/12/2010	9/21/2017	9/21/2017	7/12/2010	7/12/2010	9/21/2017	9/21/2017	7/12/2010	7/16/2015	7/16/2015	7/16/2015	3/19/2015	3/19/2015	7/12/2010	5/21/2015	7/12/2010	5/18/2015	5/18/2015	7/12/2010
	ANALYTE/POLLUTANT						USOR-OD2-01-170921	USOR-OD2-02-170921	MCC-WW03-11-100712	USOR-C1-01-170921	USOR-C1-02-170921	MCC-WW06-11-100712	MCC-WW07-12-100712	USOR-C2-01-170921	USOR-C2-02-170921	MCC-WW05-11-100712	USOR-AD-01-150716	USOR-AD-02-150716	USOR-AD-03-150716	USOR AB 01 150319	USOR AB 02 150319	MCC-WW09-11-100712	USOR-PC-03-150521	MCC-WW08-11-100712	USOR-PC-01-150518	USOR-PC-02-150518	MCC-WW10-11-100712
							HS17091171-03	HS17091171-04	TS6085-1	HS17091171-05	HS17091171-06	TS6085-4	TS6085-5	HS17091171-07	HS17091171-08	TS6085-3	HS15070682-01	HS15070682-02	HS15070682-03	HS15030665 01	HS15030665 02	TS6085-7	HS15050898-02	TS6085-6	HS15050731-05	HS1505731-06	TS6085-8
I.	**Non-Categorical Prohibited Pollutants (City of Pasadena - Code of Ordinances 37-116)**	**Required or Recommended Pretreatment Limits**	**UNITS**	**TEST METHOD**	**Past Exceedences (Yes/No)**	**Maximum Reading**																						
1	Closed Cup Flash Point	140 (60)	F (C)	40 CFR 261.21																								
2	pH (standard units)	See below		See below		6.64<pH<9.09											9.09 H	9.06 H	8.73 H	8.95 H	8.71 H				8.95 H	8.53 H		
3	Solid or Viscous Substances causing obstruction of flow			Field (Visual)																								
4	Excessive Loading	Varies	lbs/day	N/A																								
5	Temperature (Degrees F)	150(65)	F (C)	Field (temp probe)																								
6	Total Petroleum Hydrocarbons (TPH)		mg/L	TX1005		2.8											<2.0	<2.0	2.8 J	2.5 J	2.2 J				<1.8	<1.9		
7	Toxic Fumes (VOCs)			Field (PID meter)																								
8	Trucked or hauled pollutants			N/A																								
9	Odor			Field (Olfactory)																								
10	Color			SM2120B																								
10	Turbidity			E180.1																								
11	Radioactivity			?																								
12	Storm, surface, ground, etc. water			N/A																								
13	Industrial Sludge			Field (Visual)																								
14	Medical Waste	None		Field (Visual)																								
I.	**Non-Categorical Prohibited Pollutants (City of Pasadena - Code of Ordinances 37-116)**	**Required or Recommended Pretreatment Limits**	**UNITS**	**TEST METHOD**	**Past Exceedences (Yes/No)**	**Maximum Reading**																						
15	Toxicity	See below		See below																								
16	Detergents (Surfactants)			?																								
17	Oil and Grease	See below		See below																								
18	Lower Explosive Limit (2 readings)	5	%	Field (4 gas meter)																								
18	Lower Explosive Limit (1 reading)	10	%	Field (4 gas meter)																								
19	No Trash & Debris			Field (Visual)																								
20	Miscellaneous pollutants																											
21	Corrosive (pH)	See below		See below																								
22	No Domestic Sewage Waste			Field (Visual)																								
23	40 CFR Part 261 Hazardous Wastes	See below		See below																								
24	Pesticides	See below		See below																								
25	No Sewage Sludge			Field (Visual)																								
26	Antimony	See below		See below																								
26	Beryllium	See below		See below																								
26	Bismuth	0.1	mg/L																									
26	Boron	0.1	mg/L																									
26	Molybdenum	0.1	mg/L																									
26	Tellurium	0.1	mg/L																									
26	Tin	0.1	mg/L																									
26	Gasoline	See TPH Results		See TPH Results																								
26	Naphtha	See TPH Results		See TPH Results																								
26	Insecticides																											
26	Herbicides			SW8151																								
26	Fungicides																											
26	Uranyilon																											
26	Radioactive Elements (Gross Alpha/Beta)	See above		See above																								
II.	**Local Limits (City of Pasadena - Code of Ordinances 37-118)**	**Pretreatment Limits**	**UNITS**	**TEST METHOD**	**Past Exceedences (Yes/No)**	**Maximum Reading**																						
	Oil and Grease (petroleum or mineral products, animal or vegetable base)	400	mg/L	E1664A																								
	pH (standard units)	5.0<pH<11.0	-	SM4500H+B	No	6.64<pH<9.09											9.09 H	9.06 H	8.73 H	8.95 H	8.71 H				8.95 H	8.53 H		
	BOD (5-day)	250	mg/L	SM5210 B																								
	Total Suspended Solids	250	mg/L	M2540D																								
	40 CFR Part 122 Subpart D Appendix D Table III																											
	METALS, CYANIDE, AND PHENOLS																											
	Antimony, Total	0.1	mg/L	200.8	Yes 7/12/2010 Primary Clarifier	0.037			0.0027 B			<0.001	<0.001			<0.001	0.00173 J	0.00157 J	0.00186 J			0.013	0.00262 J	0.637			0.0293
	Arsenic, Total	2.0	mg/L	200.8	No	0.118	0.000786 J	0.000747 J	0.0065	0.00546	0.00561	0.0077	0.0082	0.00676	0.0069	0.0094	0.0217	0.0222	0.0279			0.0083	0.00843	0.118			<0.001
	Beryllium, Total	0.1	mg/L	200.8	No	ND			<0.00016			<0.00016	<0.00016			<0.00016	<0.000200	<0.000200	<0.000200			<0.00016	<0.000500	<0.00016			<0.00016
	Cadmium, Total	0.2	mg/L	200.8	No	0.016	<0.000200	<0.000200	0.0001 B	<0.000200	<0.000200	0.00009 B	0.00015 B	<0.000200	<0.000200	<0.00009	<0.000200	<0.000200	<0.000200			<0.00009	<0.000600	0.0155			<0.00009
	Chromium, Total		mg/L	200.8	No	0.932	<0.000400	<0.000400	0.0026 B	0.000830 J	0.000972 J	0.007 B	0.0069 B	0.00144 J	0.00154 J	0.0079 B	0.0139	0.0151	0.0221			0.008 B	0.0171	0.932			<0.00027
	Chromium, (Hex)	1.0	mg/L	SW7196																								
	Chromium (Tri)5		mg/L	Calculation																								
	Copper, Total	2.0	mg/L	200.8	Yes 7/12/2010 Primary Clarifier	2.56			<0.0059			<0.0059	<0.0059			<0.0059						<0.0059		2.56			<0.0059
	Lead, Total	1.0	mg/L	200.8	Yes 7/12/2010 Primary Clarifier	1.11	<0.000600	<0.000600	0.0049	<0.000600	0.000755 J	0.0069	0.0069	<0.000600	<0.000600	0.0064	0.000816 J	0.00221 J	0.00128 J			0.0091	<0.000500	1.11			<0.0018
	Mercury, Total	0.008	mg/L	200.8	Yes 7/12/2010 Primary Clarifier	0.264	<0.0000300	<0.0000300	<0.000094	<0.0000300	<0.0000300	<0.000094	<0.000094	<0.0000300	<0.0000300	<0.000094	<0.0000400	<0.0000400	<0.0000400			<0.000094	0.0000560 J	0.264			<0.000094
	Nickel, Total	2.0	mg/L	200.8	No	1.89			0.0675			0.0902	0.0901			0.114	0.217	0.221	0.301			0.271	0.0447	1.89			0.0016 B
	Selenium, Total		mg/L	200.8	?	0.0129	<0.00110	<0.00110	0.0012 B	<0.00110	<0.00110	0.0027 B	0.0013 B	<0.00110	<0.00110	0.0017 B	0.00385 J	0.00372 J	0.00535			0.002 B	<0.000500	0.0129			0.0014 B
	Silver, Total	1.0	mg/L	200.8	No	0.0227	<0.000200	<0.000200	<0.00024	<0.000200	<0.000200	<0.00024	<0.00024	<0.000200	<0.000200	<0.00024	<0.000200	<0.000200	<0.000200			<0.00024	<0.000500	0.0227			0.00031 B
	Thallium, Total		mg/L	200.8	No	ND			<0.0012			<0.0012	<0.0012			<0.0012						<0.0012		<0.0012			<0.0012
	Zinc, Total	3.0	mg/L	200.8	Yes 7/12/2010 Primary Clarifier	35.4			0.055			0.14	0.139			0.142						0.0529		35.4			0.0762
	Cyanide, Available		mg/L	200.8																								
	Cyanide, Total		mg/L	MN4500CN E&G																								
	Phenols, Total		mg/L	SW9066																								

Former US Oil Recovery/MCC Recycling Site.
Pasadena, Texas - Data Summary - Water

= Analysis not required for Pretreatment Application but might be requested by the City

= Measured analyte level exceeded recommended pretreatment limit

= Additional Analyte analysis required for Pretreatment Application (field observation or measurement)

= Additional Analyte/Pollutant analysis required for Pretreatment Application (lab analysis)

= Limit established per City Ordinance - Section 37-116 & 37-118

= Limit established per TPDES Permit Requirement - Monitoring and Reporting Requirements 9. Changes in Discharges of Toxic Substances

2010 Analyses

2013 Analyses

2015 Analyses

2017 Analyses

H = Analyzed outside of Holding Time

J = Estimated vaule between laboratory sample quantitaion limit (SQL) and method quantitaion limit (MQL) (PQL).

ND = Non-Detect

2010 Analyses

2013 Analyses

2015 Analyses

2017 Analyses

H = Analyzed outside of Holding Time

J = Estimated vaule between laboratory sample quantitaion limit (SQL) and method quantitaion limit (MQL) (PQL).

ND = Non-Detect

						1			2					3		4	5	6		
						Lift Station #1 9/7/2017	Lift Station #1 5/16/2013	Lift Station #1 5/16/2013	Chlorine Contact Tank 9/5/2017	Chlorine Contact Tank 9/5/2017	Chlorine Contact Tank 5/18/2015	Chlorine Contact Tank 5/18/2015	Chlorine Contact Tank 7/7/2010	Gravity Thickener 5/21/2015	Gravity Thickener 5/18/2015	Sand Filter 5/18/2015	Pump Control Room 7/7/2010	Oxygen Digester 1 9/21/2017	Oxygen Digester 1 9/21/2017	Oxygen Digester 1 7/12/2010
ANALYTE/POLLUTANT						**LS1-WG-20170907**	**LS1-01-051613**	**LS1-02-051613**	**CCT1-W-20170905-B**	**CCT2-W-20170905-S**	**USOR CT 01 150518**	**USOR CT 02 150518**	**MCC-WW02-11-100707**	**USOR-GT-02-150521**	**USOR GT 01 150518**	**USOR-SF-01-150518**	**MCC-WW01-11-100707**	**USOR-OD1-01-170921**	**USOR-OD1-02-170921**	**MCC-WW04-11-100712**
						HS17090354-02	**1305749-01**	**1305749-02**	**HS17090293-01**	**HS17090293-02**	**HS15050731 02**	**HS15050731 03**	**TS5856-3**	**HS15050898 01**	**HS15050731 01**	**HS15050731-04**	**TS5856-2**	**HS17091171-01**	**HS17091171-02**	**TS6085-2**
III. National Categorical Prohibited Pollutants (City of Pasadena - Code of Ordinances 37-117)	**Pretreatment Limits**	**UNITS**	**TEST METHOD**	**Past Exceedences (Yes/No)**	**Maximum Reading**															
40 CFR Part 122 Subpart D Appendix D Table II																				
VOLATILE COMPOUNDS																				
Acrolein	200	µg/L	E624/E625																	
Acrylonitrile	200	µg/L	E624/E625																	
Benzene	100	µg/L	E624/E625	Yes 7/12/2010 Primary Clarifier	3,130	<0.60			0.79 J	<0.60	<0.60	2.7 J	46.4	8.3		1.0 J	18.9	<0.60	<0.60	<0.5
Bromoform	100	µg/L	E624/E625	No	ND	<0.50			<0.50	<0.50	<0.50	<0.50	<1.4	<0.50		<0.50	<1.4	<0.50	<0.50	<1.4
Carbon Tetrachloride	100	µg/L	E624/E625	No	ND	<0.60			<0.60	<0.60	<0.60	<0.60	<0.66	<0.60		<0.6	<0.66	<0.60	<0.60	<0.66
Chlorobenzene	100	µg/L	E624/E625	No	ND	<0.40			<0.40	<0.40	<0.40	<0.40	<0.56	<0.40		<0.40	<0.56	<0.40	<0.40	<0.56
Chlorodibromomethane	100	µg/L	E624/E625			<0.50			<0.50	<0.50	<0.50	<0.50	<0.61	<0.50		<0.50	<0.61	<0.50	<0.50	<0.61
Chloroethane	100	µg/L	E624/E625	No	ND	<0.50			<0.50	<0.50	<0.50	<0.50	<0.92	<0.50		<0.50	<0.92	<0.50	<0.50	<0.92
2-Chloroethylvinyl Ether	100	µg/L	E624/E625																	
Chloroform	100	µg/L	E624/E625	No	17.7	<0.60			<0.60	<0.60	<0.60	<0.60	<0.64	<0.60		<0.60	<0.64	<0.60	<0.60	<0.64
Dichlorobromomethane	100	µg/L	E624/E625	No	ND	<0.50			<0.50	<0.50	<0.50	<0.50	<0.61	<0.50		<0.50	<0.61	<0.50	<0.50	<0.61
1,1-Dichloroethane	100	µg/L	E624/E625	No	ND	<0.40			<0.40	<0.40	<0.40	<0.40	<0.52	<0.40		<0.40	<0.52	<0.40	<0.40	<0.52
1,2-Dichloroethane	100	µg/L	E624/E625	Yes 7/12/2010 Primary Clarifier	991	<0.50			<0.50	<0.50	<0.50	<0.50	<0.62	<0.50		<0.50	<0.62	<0.50	<0.50	<0.62
1,1-Dichloroethylene	100	µg/L	E624/E625	No	ND	<0.50			<0.50	<0.50	<0.50	<0.50	<0.5	<0.50		<0.50	<0.50	<0.50	<0.50	<0.5
1,2-Dichloropropane	100	µg/L	E624/E625	No	5.3	<0.70			<0.70	<0.70	<0.70	<0.70	<0.62	<0.70		<0.70	<0.62	<0.70	<0.70	<0.62
1,3-Dichloropropylene	100	µg/L	E624/E625	No	ND	<0.60			<0.60	<0.60	<0.60	<0.60	<0.68	<0.60		<0.60	<0.68	<0.60	<0.60	<0.68
Ethyl benzene	100	µg/L	E624/E625	Yes 7/12/2010 Primary Clarifier	1,920	0.96 J			5.5	0.69 J	<0.50	22	757	47		6.6	57.5	<0.50	<0.50	<0.55
Methyl Bromide	100	µg/L	E624/E625	No	ND	<0.50			<0.50	<0.50	<0.50	<0.50	<0.94	<0.50		<0.50	<0.94	<0.50	<0.50	<0.94
Methyl Chloride	100	µg/L	E624/E625	No	ND	<0.50			<0.50	<0.50	<0.50	<0.50	<0.84	<0.50		<0.50	<0.84	<0.50	<0.50	<0.84
Methylene Chloride	100	µg/L	E624/E625	Yes 7/12/2010 Primary Clarifier	600	<0.50			<0.50	<0.50	<0.50	<0.50	<0.41	<0.50		<0.50	<0.41	<0.50	<0.50	<0.41
1,1,2,2-Tetrachloroethane	100	µg/L	E624/E625	No	ND	<0.50			<0.50	<0.50	<0.50	<0.50	<1.2	<0.50		<0.50	<1.2	<0.50	<0.50	<1.2
Tetrachloroethylene	100	µg/L	E624/E625	No	40.9	<0.60			<0.60	<0.60	<0.60	<0.60	<0.91	0.84 J		<0.60	1.6 J	<0.60	<0.60	<0.91
Tolulene	100	µg/L	E624/E625	Yes 7/7/2010 Chlorine Contact Tank	3,280	0.84 J			0.79 J	<0.50	<0.50	8.6	2.6	46		3.4 J	70	<0.50	0.70 J	1.5 J
1,2-Trans-Dichloroethylene	100	µg/L	E624/E625	No	ND	<0.40			<0.40	<0.40	<0.40	<0.40	<0.45	<0.40		<0.40	<0.45	<0.40	<0.40	<0.45
1,1,1-Trichloroethane	100	µg/L	E624/E625	No	ND	<0.50			<0.50	<0.50	<0.50	<0.50	<0.62	<0.50		<0.50	<0.62	<0.50	<0.50	<0.62
1,1,2-Trichloroethane	100	µg/L	E624/E625	No	ND	<0.50			<0.50	<0.50	<0.50	<0.50	<0.98	<0.50		<0.50	<0.98	<0.50	<0.50	<0.98
Trichloroethylene	100	µg/L	E624/E625	No	47.9	<0.50			<0.50	<0.50	<0.50	<0.50	0.79 J	3.8 J		<0.50	1.3 J	<0.50	<0.50	<0.52
Vinyl Chloride	100	µg/L	E624/E625	No	ND	<0.40			<0.40	<0.40	<0.40	<0.40	<1	<0.40		<0.40	<1.0	<0.40	<0.40	<1
III. National Categorical Prohibited Pollutants (City of Pasadena - Code of Ordinances 37-117)	**Pretreatment Limits**	**UNITS**	**TEST METHOD**	**Past Exceedences (Yes/No)**	**Maximum Reading**															
ACID COMPOUNDS																				
2-Chlorophenol	100	µg/L	SW9066	No	ND	<0.040			<0.041	<0.040	<0.040	<0.040		<0.040		<0.040	<13.0	<0.040	<0.040	<6.6
2,4-Dichlorophenol	100	µg/L	SW9066	No	ND	<0.066			<0.066	<0.066	<0.065	<0.065		<0.065		<0.065	<23.0	<0.066	<0.066	<12
2,4-Dimethylphenol	100	µg/L	SW9066	No	8.6	<0.033			<0.034	<0.033	<0.033	1.6		2.4		2.7	<13.0	<0.033	<0.033	<6.9
4,6-Dinitro-o-Creosol	100	µg/L	SW9066	No	ND	<0.074			<0.048	<0.074	<0.073	<0.073		<0.073		<0.073	<14.0	<0.074	<0.074	<7.5
2,4-Dinitrophenol	500	µg/L	SW9066	No	ND	<0.051			<0.051	<0.051	<0.050	<0.050		<0.050		<0.050	<160.0	<0.051	<0.051	<83
2-Nitrophenol	100	µg/L	SW9066	No	ND	<0.024			<0.024	<0.024	<0.024	<0.024		<0.024		<0.024	<21.0	<0.024	<0.024	<11
4-Nitrophenol	100	µg/L	SW9066	No	ND	<0.061			<0.021	<0.061	<0.060	<0.060		<0.060		<0.060	<7.0	<0.061	<0.061	<36
P-Chloro-m-Creosol	100	µg/L	SW9066	N/A	ND	<0.022			<0.021	<0.022	<0.022	<0.022		<0.022		<0.022	<12.0	<0.022	<0.022	<6.3
Pentachlorophenol	100	µg/L	SW9066	No	ND	<0.046			<0.047	<0.046	<0.046	<0.046		<0.046		<0.046	<140.0	<0.046	<0.046	<72
Phenol	100	µg/L	SW9066	Yes 7/12/2010 Oxygen Digestor 2	499	0.87			<0.033	<0.032	0.19 J	0.14 J		<0.032		0.68	186	<0.032	<0.032	81.4
2,4,6-Trichlorophenol	100	µg/L	SW9066	No	ND	<0.061			<0.061	<0.061	<0.060	<0.060		<0.060		<0.060	<12.0	<0.061	<0.061	<6.2
BASE/NEUTRAL COMPOUNDS																				
Acenapthene	100	µg/L	E624/E625	Yes 7/12/2010 Primary Clarifier	587	<0.030			<0.031	<0.030	<0.030	<0.030		0.64		<0.030	<16.0	<0.030	<0.030	<8.5
Acenapthylene	100	µg/L	E624/E625	No	ND	<0.021			<0.020	<0.021	<0.021	<0.021		<0.021		<0.021	<13.0	<0.021	<0.021	<6.6
Anthracene	100	µg/L	E624/E625	0.17	0.17	<0.020			<0.020	<0.020	<0.020	<0.020		0.15 J		0.12 J	<12.0	<0.020	0.054 J	<6
Benzidine	100	µg/L	E624/E625																	
Benzo(a)Anthracene	100	µg/L	E624/E625	No	0.54	<0.025			<0.026	<0.025	<0.025	<0.025		0.40		0.54	<11.0	<0.025	0.064 J	<5.9
Benzo(a)Pyrene	100	µg/L	E624/E625	No	0.43	<0.030			<0.031	<0.030	<0.030	<0.030		<0.030		0.43	<11.0	<0.030	<0.030	<5.9
3,4-Benzofluoranthene	100	µg/L	E624/E625																	
Benzo(ghi)Perylene	100	µg/L	E624/E625	No	0.26	<0.026			<0.027	<0.026	<0.026	<0.026		<0.026		0.26	<1.7	<0.026	<0.026	<9.1
Benzo(k)Fluoranthene	100	µg/L	E624/E625	No	0.14	<0.028			<0.029	<0.028	<0.028	<0.028		<0.028		0.14 J	<1.1	<0.028	<0.028	<5.8
Bis(2-Chloroethoxy)Methane	100	µg/L	E624/E625	No	ND	<0.022			<0.022	<0.022	<0.022	<0.022		<0.022		<0.022	<14.0	<0.022	<0.022	<7
Bis(2-Chloroethy)Ether	100	µg/L	E624/E625	No	ND	<0.029			<0.030	<0.029	<0.029	<0.029		<0.029		<0.029	<14.0	<0.029	<0.029	<7.1
Bis(2-Chloroisopropy)Ether	100	µg/L	E624/E625	No	ND	<0.065			<0.065	<0.065	<0.064	<0.064		<0.064		<0.064	<21.0	<0.065	<0.065	<11
Bis(2-Ethylhexy)Phthalate	100	µg/L	E624/E625	Yes 7/12/2010 Primary Clarifier	926	0.13 J			0.23	<0.033	5.4	5.4		3.5		4.7	37.3 J	0.081 J	<0.26	9.7 J
4-Bromophenyl Phenyl Ether	100	µg/L	E624/E625	No	ND	<0.047			<0.022	<0.047	<0.047	<0.047		<0.047		<0.047	<15.0	<0.047	<0.047	<7.5
ButylBenzylphthalate	100	µg/L	E624/E625	No	ND	<0.021			<0.021	<0.021	<0.021	<0.021		<0.021		<0.021	<17.0	<0.021	<0.021	<8.9
2-Chloronaphthalene	100	µg/L	E624/E625	No	0.14	<0.040			<0.041	<0.040	<0.040	<0.040		<0.040		<0.040	<15.0	<0.040	<0.040	<7.6
4-Chlorophenyl Phenyl Ether	100	µg/L	E624/E625	No	ND	<0.043			<0.041	<0.043	<0.043	<0.043		<0.043		<0.043	<14.0	<0.043	<0.043	<7.2

Former US Oil Recovery/MCC Recycling Site.
Pasadena, Texas - Data Summary - Water

= Analysis not required for Pretreatment Application but might be requested by the City

= Measured analyte level exceeded recommended pretreatment limit

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						7			8				9			10			11			12					13
						Oxygen Digester 2	Oxygen Digester 2	Oxygen Digester 2	Clarifier #1	Clarifier #1	Clarifier #1	Clarifier #1	Clarifier #2	Clarifier #2	Clarifier #2	Aerobic Digester	Aerobic Digester	Aerobic Digester	Aeration Basin (Final Clarifier)	Aeration Basin (Final Clarifier)	Aeration Basin (Final Clarifier)	Primary Clarifier	Primary Clarifier	Primary Clarifier	Primary Clarifier	Oil/Water Separator
						9/21/2017	9/21/2017	7/12/2010	9/21/2017	9/21/2017	7/12/2010	7/12/2010	9/21/2017	9/21/2017	7/12/2010	7/16/2015	7/16/2015	7/16/2015	3/19/2015	3/19/2015	7/12/2010	5/21/2015	7/12/2010	5/18/2015	5/18/2015	7/12/2010
ANALYTE/POLLUTANT						USOR-DO2-01-170921	USOR-DO2-02-170921	MCC-WW03-11-100712	USOR-C1-01-170921	USOR-C1-02-170921	MCC-WW06-11-100712	MCC-WW07-12-100712	USOR-C2-01-170921	USOR-C2-02-170921	MCC-WW05-11-100712	USOR-AD-01-150716	USOR-AD-02-150716	USOR-AD-03-150716	USOR AB 01 150319	USOR AB 02 150319	MCC-WW09-11-100712	USOR-PC-03-150521	MCC-WW08-11-100712	USOR-PC-01-150518	USOR-PC-02-150518	MCC-WW10-11-100712	
						HS17091171-03	HS17091171-04	TS6085-1	HS17091171-05	HS17091171-06	TS6085-4	TS6085-5	HS17091171-07	HS17091171-08	TS6085-3	HS15070682-01	HS15070682-02	HS15070682-03	HS15030665 01	HS15030665 02	TS6085-7	HS15050898-02	TS6085-6	HS15050731-05	HS15050731-06	TS6085-8
National Categorical Prohibited Pollutants (City of Pasadena - Code of Ordinances 37-117)	**Pretreatment Limits**	**UNITS**	**TEST METHOD**	**Past Exceedences (Yes/No)**	**Maximum Reading**																						
40 CFR Part 122 Subpart D Appendix D Table II																											
VOLATILE COMPOUNDS																											
Acrolein	200	µg/L	E624/E625																								
Acrylonitrile	200	µg/L	E624/E625																								
Benzene	100	µg/L	E624/E625	Yes 7/12/2010 Primary Clarifier	3,130	<0.60	<0.60	0.5	<0.60	<0.60	1.7 J	1.9 J	<0.60	<0.60	<0.5	<3.0	<3.0	<3.0			<0.5	14	3130			<0.5
Bromoform	100	µg/L	E624/E625	No	ND	<0.50	<0.50	<1.4	<0.50	<0.50	<1.4	<1.4	<0.50	<0.50	<1.4	<2.5	<2.5	<2.5			<1.4	<0.50	<6.8			<1.4
Carbon Tetrachloride	100	µg/L	E624/E625	No	ND	<0.60	<0.60	<0.66	<0.60	<0.60	<0.66	<0.66	<0.60	<0.60	<0.66	<3.0	<3.0	<3.0			<0.66	<0.6	<3.3			<0.66
Chlorobenzene	100	µg/L	E624/E625	No	ND	<0.40	<0.40	<0.56	<0.40	<0.40	<0.56	<0.56	<0.40	<0.40	<0.56	<2.0	<2.0	<2.0			<0.56	<0.40	<2.8			<0.56
Chlorodibromomethane	100	µg/L	E624/E625			<0.50	<0.50	<0.61	<0.50	<0.50	<0.61	<0.61	<0.50	<0.50	<0.61	<2.5	<2.5	<2.5			<0.61	<0.50	<3.1			<0.61
Chloroethane	100	µg/L	E624/E625	No	ND	<0.50	<0.50	<0.92	<0.50	<0.50	<0.92	<0.92	<0.50	<0.50	<0.92	<2.5	<2.5	<2.5			<0.92	<0.50	<4.6			<0.92
2-Chloroethylvinyl Ether	100	µg/L	E624/E625																								
Chloroform	100	µg/L	E624/E625	No	17.7	<0.60	<0.60	<0.64	<0.60	<0.60	<0.64	<0.64	<0.60	<0.60	<0.64	<3.0	<3.0	<3.0			<0.64	<0.60	17.7			<0.64
Dichlorobromomethane	100	µg/L	E624/E625	No	ND	<0.50	<0.50	<0.61	<0.50	<0.50	<0.61	<0.61	<0.50	<0.50	<0.61	<2.5	<2.5	<2.5			<0.61	<0.50	<3.1			<0.61
1,1-Dichloroethane	100	µg/L	E624/E625	No	ND	<0.40	<0.40	<0.52	<0.40	<0.40	<0.52	<0.52	<0.40	<0.40	<0.52	<2.0	<2.0	<2.0			<0.52	<0.40	<2.6			<0.52
1,2-Dichloroethane	100	µg/L	E624/E625	Yes 7/12/2010 Primary Clarifier	991	<0.50	<0.50	<0.62	<0.50	<0.50	<0.62	<0.62	<0.50	<0.50	<0.62	<2.5	<2.5	<2.5			<0.62	<0.50	991			<0.62
1,1-Dichloroethylene	100	µg/L	E624/E625	No	ND	<0.50	<0.50	<0.5	<0.50	<0.50	<0.5	<0.5	<0.50	<0.50	<0.5	<2.5	<2.5	<2.5			<0.5	<0.50	<2.5			<0.5
1,2-Dichloropropane	100	µg/L	E624/E625	No	5.1	<0.70	<0.70	<0.62	<0.70	<0.70	<0.62	<0.62	<0.70	<0.70	<0.62	<3.5	<3.5	<3.5			<0.62	<0.70	5.1 J			<0.62
1,3-Dichloropropylene	100	µg/L	E624/E625	No	ND	<0.60	<0.60	<0.68	<0.60	<0.60	<0.68	<0.68	<0.60	<0.60	<0.68	<3.0	<3.0	<3.0			<0.68	<0.60	<3.4			<0.68
Ethyl benzene	100	µg/L	E624/E625	Yes 7/12/2010 Primary Clarifier	1,920	<0.50	<0.50	0.98 J	0.70 J	0.98 J	0.79 J	1.2 J	<0.50	<0.50	<0.55	<2.5	<2.5	3.6 J			0.92 J	10	1920			<0.55
Methyl Bromide	100	µg/L	E624/E625	No	ND	<0.50	<0.50	<0.94	<0.50	<0.50	<0.94	<0.94	<0.50	<0.50	<0.94	<2.5	<2.5	<2.5			<0.94	<0.50	<4.7			<0.94
Methyl Chloride	100	µg/L	E624/E625	No	ND	<0.50	<0.50	<0.84	<0.50	<0.50	<0.84	<0.84	<0.50	<0.50	<0.84	<2.5	<2.5	<2.5			<0.84	<0.50	<4.2			<0.84
Methylene Chloride	100	µg/L	E624/E625	Yes 7/12/2010 Primary Clarifier	669	<0.50	<0.50	<0.41	<0.50	<0.50	<0.41	<0.41	<0.50	<0.50	<0.41	<2.5	<2.5	<2.5			<0.41	<0.50	669			<0.41
1,1,2,2-Tetrachloroethane	100	µg/L	E624/E625	No	ND	<0.50	<0.50	<1.2	<0.50	<0.50	<1.2	<1.2	<0.50	<0.50	<1.2	<2.5	<2.5	<2.5			<1.2	<0.50	<5.8			<1.2
Tetrachloroethylene	100	µg/L	E624/E625	No	40.9	<0.60	<0.60	<0.91	<0.50	<0.50	<0.91	<0.91	<0.50	<0.50	<0.91	<3.0	<3.0	<3.0			<0.91	<0.60	40.9			<0.91
Toluene	100	µg/L	E624/E625	Yes 7/7/2010 Chlorine Contact Tank	3,280	<0.50	<0.50	4.2	0.62 J	0.92 J	1.5 J	2	<0.50	<0.50	0.61 J	<2.5	<2.5	2.6 J			0.81 J	15	3280			<0.43
1,2-Trans-Dichloroethylene	100	µg/L	E624/E625	No	ND	<0.40	<0.40	<0.45	<0.40	<0.40	<0.45	<0.45	<0.40	<0.40	<0.45	<2.0	<2.0	<2.0			<0.45	<0.40	<2.2			<0.45
1,1,1-Trichloroethane	100	µg/L	E624/E625	No	ND	<0.50	<0.50	<0.62	<0.50	<0.50	<0.62	<0.62	<0.50	<0.50	<0.62	<2.5	<2.5	<2.5			<0.62	<0.50	<3.1			<0.62
1,1,2-Trichloroethane	100	µg/L	E624/E625	No	ND	<0.50	<0.50	<0.98	<0.50	<0.50	<0.98	<0.98	<0.50	<0.50	<0.98	<2.5	<2.5	<2.5			<0.98	<0.50	<4.9			<0.98
Trichloroethylene	100	µg/L	E624/E625	No	47.9	<0.50	<0.50	<0.52	<0.50	<0.50	<0.52	<0.52	<0.50	<0.50	<0.52	<2.5	<2.5	<2.5			<0.52	<0.50	47.9			<0.52
Vinyl Chloride	100	µg/L	E624/E625	No	ND	<0.40	<0.40	<1	<0.40	<0.40	<1	<1	<0.40	<0.40	<1	<2.0	<2.0	<2.0			<1	<0.40	<5.1			<1
National Categorical Prohibited Pollutants (City of Pasadena - Code of Ordinances 37-117)	**Pretreatment Limits**	**UNITS**	**TEST METHOD**	**Past Exceedences (Yes/No)**	**Maximum Reading**																						
ACID COMPOUNDS																											
2-Chlorophenol	100	µg/L	SW9066	No	ND	<0.041	<0.041	<7	<0.040	<0.041	<6.6	<6.6	<0.040	<0.040	<6.6	<0.040	<0.040	<0.040			<6.5	<0.040	<260			<1.2
2,4-Dichlorophenol	100	µg/L	SW9066	No	ND	<0.066	<0.066	<13	<0.066	<0.066	<12	<12	<0.065	<0.065	<12	<0.065	<0.065	<0.065			<12	<0.065	<480			<2.2
2,4-Dimethylphenol	100	µg/L	SW9066	No	8.6	<0.034	<0.034	<7.4	<0.033	0.59	<7	<7	<0.033	<0.033	<7	8.6	2.3	<0.033			<6.9	1.1	<280			<1.3
4,6-Dinitro-o-Cresol	100	µg/L	SW9066	No	ND	<0.074	<0.074	<8	<0.074	<0.074	<7.5	<7.5	<0.073	<0.073	<7.5	<0.073	<0.073	<0.073			<7.4	<0.073	<300			<1.4
2,4-Dinitrophenol	500	µg/L	SW9066	No	ND	<0.051	<0.051	<88	<0.051	<0.051	<83	<83	<0.050	<0.050	<83	<0.050	<0.050	<0.050			<82	<0.050	<3300			<15
2-Nitrophenol	100	µg/L	SW9066	No	ND	<0.024	<0.024	<12	<0.024	<0.024	<11	<11	<0.024	<0.024	<11	<0.024	<0.024	<0.024			<11	<0.024	<430			<2
4-Nitrophenol	100	µg/L	SW9066	No	ND	<0.061	<0.061	<39	<0.061	<0.061	<37	<37	<0.060	<0.060	<37	<0.060	<0.060	<0.060			<36	<0.060	<1400			<6.7
P-Chloro-m-Cresol	100	µg/L	SW9066	N/A	ND	<0.022	<0.022	<6.7	<0.022	<0.022	<6.4	<6.4	<0.022	<0.022	<6.4	<0.022	<0.022	<0.022			<6.3	<0.022	<250			<1.2
Pentachlorophenol	100	µg/L	SW9066	No	ND	<0.047	<0.047	<77	<0.046	<0.047	<73	<73	<0.046	<0.046	<73	<0.046	<0.046	<0.046			<72	<0.046	<2900			<13
Phenol	100	µg/L	SW9066	Yes 7/12/2010 Oxygen Digestor 2	499	<0.033	<0.033	499	<0.032	<0.033	142	108	<0.032	<0.032	25.9 J	1.6	0.86	2.3			<4.1	1.1	<160			<0.75
2,4,6-Trichlorophenol	100	µg/L	SW9066	No	ND	<0.061	<0.061	<6.6	<0.061	<0.061	<6.3	<6.3	<0.060	<0.060	<6.3	<0.060	<0.060	<0.060			<6.2	<0.060	<250			<1.1
BASE/NEUTRAL COMPOUNDS																											
Acenapthene	100	µg/L	E624/E625	Yes 7/12/2010 Primary Clarifier	842	<0.031	<0.031	<9.1	<0.030	0.11 J	<8.6	<8.6	<0.030	<0.030	<8.6	<0.030	0.082 J	<0.030			<8.5	<0.030	842 J			<1.6
Acenapthylene	100	µg/L	E624/E625	No	ND	<0.021	<0.021	<7	<0.021	<0.021	<6.6	<6.6	<0.021	<0.021	<6.6	<0.021	<0.021	<0.021			<6.6	<0.021	<260			<1.2
Anthracene	100	µg/L	E624/E625	0.17	0.17	<0.020	<0.020	<6.4	<0.020	<0.020	<6	<6	<0.020	0.17 J	<6	<0.020	<0.020	<0.020			<6	<0.020	<240			<1.1
Benzidine	100	µg/L	E624/E625																								
Benzo(a)Anthracene	100	µg/L	E624/E625	No	0.54	<0.026	<0.026	<6.3	<0.025	0.063 J	<5.9	<5.9	<0.025	0.27	<5.9	<0.025	<0.025	0.13 J			<5.9	<0.025	<230			<1.1
Benzo(a)Pyrene	100	µg/L	E624/E625	No	0.43	<0.031	<0.031	<6.3	<0.030	<0.031	<5.9	<5.9	<0.030	0.18 J	<5.9	<0.030	<0.030	<0.030			<5.9	<0.030	<230			<1.1
3,4-Benzofluoranthene	100	µg/L	E624/E625																								
Benzo(ghi)Perylene	100	µg/L	E624/E625	No	0.26	<0.027	<0.027	<9.7	<0.026	<0.027	<9.1	<9.1	<0.026	0.12 J	<9.1	<0.026	<0.026	<0.026			<9	<0.026	<360			<1.7
Benzo(k)Fluoranthene	100	µg/L	E624/E625	No	0.14	<0.029	<0.029	<6.2	<0.028	<0.029	<5.8	<5.8	<0.028	0.079 J	<5.8	<0.028	<0.028	<0.028			<5.8	<0.028	<230			<1.1
Bis(2-Chloroethoxy)Methane	100	µg/L	E624/E625	No	ND	<0.022	<0.022	<7.5	<0.022	<0.022	<7.1	<7.1	<0.022	<0.022	<7.1	<0.022	<0.022	<0.022			<7	<0.022	<280			<1.3
Bis(2-Chloroethyl)Ether	100	µg/L	E624/E625	No	ND	<0.030	<0.030	<7.6	<0.029	<0.030	<7.1	<7.1	<0.029	<0.029	<7.1	<0.029	<0.029	<0.029			<7.1	<0.029	<280			<1.3
Bis(2-Chloroisopropy)Ether	100	µg/L	E624/E625	No	ND	<0.065	<0.065	<12	<0.065	<0.065	<11	<11	<0.064	<0.064	<11	<0.064	<0.064	<0.064			<11	<0.064	<430			<2
Bis(2-Ethylhexy)Phthalate	100	µg/L	E624/E625	Yes 7/12/2010 Primary Clarifier	926	0.084 J	<0.29	10.7 J	0.062 J	0.22	<9.7	12 J	0.057 J	1.1	<9.7	0.77	0.5	0.54			33.7	0.65	926 J			1.8 J
4-Bromophenyl Phenyl Ether	100	µg/L	E624/E625	No	ND	<0.048	<0.048	<8	<0.047	<0.048	<7.6	<7.6	<0.047	<0.047	<7.6	<0.047	<0.047	<0.047			<7.5	<0.047	<300			<1.4
Butylbenzylphthalate	100	µg/L	E624/E625	No	ND	<0.021	<0.021	<9.5	<0.021	<0.021	<9	<9	<0.021	<0.021	<9	<0.021	<0.021	<0.021			<8.9	<0.021	<350			<1.6
2-Chloronaphthalene	100	µg/L	E624/E625	No	0.14	<0.041	<0.041	<8.1	<0.040	0.14 J	<7.6	<7.6	<0.040	<0.040	<7.6	<0.040	<0.040	<0.040			<7.6	<0.040	<300			<1.4
4-Chlorophenyl Phenyl Ether	100	µg/L	E624/E625	No	ND	<0.044	<0.044	<7.6	<0.043	<0.044	<7.2	<7.2	<0.043	<0.043	<7.2	<0.043	<0.043	<0.043			<7.1	<0.043	<280			<1.3

Former US Oil Recovery/MCC Recycling Site. Pasadena, Texas - Data Summary - Water

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						1			2					3		4	5	6		
						Lift Station #1 9/7/2017	Lift Station #1 5/16/2013	Lift Station #1 5/16/2013	Chlorine Contact Tank 9/5/2017	Chlorine Contact Tank 9/5/2017	Chlorine Contact Tank 5/18/2015	Chlorine Contact Tank 5/18/2015	Chlorine Contact Tank 7/7/2010	Gravity Thickener 5/21/2015	Gravity Thickener 5/18/2015	Sand Filter 5/18/2015	Pump Control Room 7/7/2010	Oxygen Digester 1 9/21/2017	Oxygen Digester 1 9/21/2017	Oxygen Digester 1 7/12/2010
ANALYTE/POLLUTANT						**LS1-WG-20170907**	**LS1-01-051613**	**LS1-02-051613**	**CCT1-W-20170905-B**	**CCT2-W-20170905-S**	**USOR CT 01 150518**	**USOR CT 02 150518**	**MCC-WW02-11-100707**	**USOR-GT-02-150521**	**USOR GT 01 150518**	**USOR-SF-01-150518**	**MCC-WW01-11-100707**	**USOR-OD1-01-170921**	**USOR-OD1-02-170921**	**MCC-WW04-11-100712**
						HS17090354-02	**1305749-01**	**1305749-02**	**HS17090293-01**	**HS17090293-02**	**HS15050731 02**	**HS15050731 03**	**TS5856-3**	**HS15050898 01**	**HS15050731 01**	**HS15050731-04**	**TS5856-2**	**HS17091171-01**	**HS17091171-02**	**TS6085-2**
Chrysene	100	µg/L	E624/E625	No	6.1	<0.046			<0.047	<0.046	<0.046	<0.046		0.80		1.2	<1.0	<0.046	0.15 J	<5.4
Dibenzo(a,h)Anthracene	100	µg/L	E624/E625	No	0.53	<0.026			<0.027	<0.026	<0.026	<0.026		<0.026		<0.026	<18.0	<0.026	<0.026	<8.5
1,2-Dichlorobenzene	100	µg/L	E624/E625	No	ND	<0.60			<0.60	<0.60	<0.60	<0.60		<0.60		<0.60	<13.0	<0.60	<0.60	<6.8
III. **National Categorical Prohibited Pollutants (City of Pasadena - Code of Ordinances 37-117)**	**Pretreatment Limits**	**UNITS**	**TEST METHOD**	**Past Exceedences (Yes/No)**	**Maximum Reading**															
BASE/NEUTRAL COMPOUNDS																				
1,3-Dichlorobenzene	100	µg/L	E624/E625	No	ND	<0.50			<0.50	<0.50	<0.50	<0.50		<0.50		<0.50	<13.0	<0.50	<0.50	<6.8
1,4-Dichlorobenzene	100	µg/L	E624/E625	No	ND	NA			NA	NA	<12	<12		NA		<12	NA	NA	NA	NA
3,3-Dichlorobenzidine	100	µg/L	E624/E625	No	ND	<0.024			<0.024	<0.024	<0.024	<0.024		<0.024		<0.024	<34.0	<0.024	<0.024	<17
Diethyl Phthalate	100	µg/L	E624/E625	No	ND	<0.021			<0.021	<0.021	<0.021	<0.021		<0.021		<0.021	<11.0	<0.021	<0.021	<5.8
Dimethyl Phthalate	100	µg/L	E624/E625	No	ND	<0.030			<0.031	<0.030	<0.030	<0.030		<0.030		<0.030	<11.0	<0.030	<0.030	<5.7
Di-n-Butyl Phthalate	100	µg/L	E624/E625	Yes 7/12/2010 Primary Clarifier	371	<0.030			<0.031	<0.030	<0.030	<0.030		<0.030		0.13 J	12.6 J	<0.030	0.069 J	<5.6
2,4-Dinitrotoluene	100	µg/L	E624/E625	No	ND	<0.030			<0.031	<0.030	<0.030	<0.030		<0.030		<0.030	<15.0	<0.030	<0.030	<7.8
2,6-Dinitrotoluene	100	µg/L	E624/E625	No	ND	<0.051			<0.051	<0.051	<0.050	<0.050		<0.050		<0.050	<14.0	<0.051	<0.051	<7.3
Di-n-Octyl Phthalate	100	µg/L	E624/E625	No	0.19	<0.023			<0.023	<0.023	<0.023	<0.023		<0.023		0.19 J	<14.0	<0.023	<0.023	<7.2
1,2-Diphenyl Hydrazine	100	µg/L	E624/E625																	
Fluoranthene	100	µg/L	E624/E625	No	0.53	<0.020			<0.020	<0.020	<0.020	<0.020		0.28		0.53	<1.0	<0.020	0.090 J	<5.3
Fluorene	100	µg/L	E624/E625	Yes 7/12/2010 Primary Clarifier	465	<0.021			<0.021	<0.021	<0.021	<0.021		0.64		<0.021	<14.0	<0.021	0.055 J	<7.3
Hexachlorobenzene	100	µg/L	E624/E625	No	ND	<0.071			<0.071	<0.071	<0.070	<0.070		<0.070		<0.070	<14.0	<0.071	<0.071	<7.3
Hexachlorobutadiene	100	µg/L	E624/E625	No	ND	<0.051			<0.051	<0.051	<0.050	<0.050		<0.050		<0.050	<12.0	<0.051	<0.051	<6
Hexachloroethane	100	µg/L	E624/E625	No	ND	<0.034			<0.035	<0.034	<0.034	<0.034		<0.034		<0.034	<1.0	<0.034	<0.034	<5.3
Indeno(1,2,3-cd)pyrene	100	µg/L	E624/E625	No	0.19	<0.052			<0.052	<0.052	<0.051	<0.051		<0.051		0.19 J	<19.0	<0.052	<0.052	<9.9
Isophorone	100	µg/L	E624/E625	No	ND	<0.030			<0.031	<0.030	<0.030	<0.030		<0.030		<0.030	<13.0	<0.030	<0.030	<6.6
Napthalene	100	µg/L	E624/E625	Yes 7/12/2010 Primary Clarifier	10400	0.52			0.14 J	<0.051	<0.050	12		21		43	66.5	0.13 J	0.20 J	<6.2
Nitrobenzene	100	µg/L	E624/E625	No	ND	<0.051			<0.051	<0.051	<0.050	<0.050		<0.050		<0.050	<18.0	<0.051	<0.051	<9.5
N-Nitrosodimethylamine	100	µg/L	E624/E625		ND															
N-Nitrosodi-n-Propylamine	100	µg/L	E624/E625	No	ND	<0.040			<0.041	<0.040	<0.040	<0.040		<0.040		<0.040	<15.0	<0.040	<0.040	<7.8
N-nitrosodiphenylamine	100	µg/L	E624/E625	No	ND	<0.029			<0.030	<0.029	<0.029	<0.029		<0.029		<0.029	<18.0	<0.029	<0.029	<9.1
Phenathrene	100	µg/L	E624/E625	Yes 7/12/2010 Primary Clarifier	735	0.13 J			<0.020	<0.020	<0.020	<0.020		1.4		0.49	14.1 J	<0.020	0.21	<5.3
Pyrene	100	µg/L	E624/E625	No	10.5	<0.022			<0.022	<0.022	<0.022	<0.022		1.1		1.1	<17.0	<0.022	0.15 J	<9.1
1,2,4-Trichlorobenzene	100	µg/L	E624/E625	No	ND	<0.60			<0.60	<0.60	<0.60	<0.60		<0.60		<0.60	<13.0	<0.60	<0.60	<6.9
III. **National Categorical Prohibited Pollutants (City of Pasadena - Code of Ordinances 37-117)**	**Pretreatment Limits**	**UNITS**	**TEST METHOD**	**Past Exceedences (Yes/No)**	**Maximum Reading**															
PESTICIDES																				
Aldrin	100	µg/L	E608																	
Alpha-BHC	100	µg/L	E608																	
beta-BHC	100	µg/L	E608																	
gamma-BHC	100	µg/L	E608																	
delta-BHC	100	µg/L	E608																	
Chlordane	100	µg/L	E608																	
4,4-DDT	100	µg/L	E608																	
4,4-DDE	100	µg/L	E608																	
4,4,-DDD	100	µg/L	E608																	
Dieldrin	100	µg/L	E608																	
alpha-Endosulfan	100	µg/L	E608																	
beta-Endosulfan	100	µg/L	E608																	
Endosulfan Sulfate	100	µg/L	E608																	
Endrin	100	µg/L	E608																	
Endrin Aldehyde	100	µg/L	E608																	
Heptachlor	100	µg/L	E608																	
Heptachlor Epoxide	100	µg/L	E608																	
PCBs (Total)	100	µg/L	E608																	
PCB-1242	100	µg/L	E608																	
PCB-1254	100	µg/L	E608																	
PCB-1221	100	µg/L	E608																	
PCB-1232	100	µg/L	E608																	
PCB-1248	100	µg/L	E608																	
PCB-1260	100	µg/L	E608																	
PCB-1016	100	µg/L	E608																	
Toxaphene	100	µg/L	E608																	
IV. **Analytes monitored at the treatment plant per TPDES Permit (Not Recommended for Analysis)**	**Pretreatment Limits**	**UNITS**	**TEST METHOD**	**Past Exceedences (Yes/No)**	**Maximum Reading**															
CBOD5		mg/L	SM5210 B																	
Ammonia Nitrogen		mg/L	SM4500 NH3-D																	
Total Kjeldahl Nitrogen		mg/L	M4500 NH3																	
E Coli		CPU or MPN/100 ml																		
Dissolved Oxygen		mg/L	M4500-O G																	
V. **Analyte identified as TMDL in the 2014 Texas Integrated Report - Texas 303(d) List for Segment 1007 (Not Recommended for Analysis)**	**Pretreatment Limits**	**UNITS**	**TEST METHOD**	**Past Exceedences (Yes/No)**	**Maximum Reading**															
Dioxins																				

Former US Oil Recovery/MCC Recycling Site.
Pasadena, Texas - Data Summary - Water

= Analysis not required for Pretreatment Application but might be requested by the City

= Measured analyte level exceeded recommended pretreatment limit

= Additional Analyte analysis required for Pretreatment Application (field observation or measurement)

= Additional Analyte/Pollutant analysis required for Pretreatment Application (lab analysis)

= Limit established per City Ordinance - Section 37-116 & 37-118

= Limit established per TPDES Permit Requirement - Monitoring and Reporting Requirements 9. Changes in Discharges of Toxic Substances

2010 Analyses
2013 Analyses
2015 Analyses
2017 Analyses

H = Analyzed outside of Holding Time

J = Estimated vaule between laboratory sample quantitaion limit (SQL) and method quantitaion limit (MQL) (PQL).

ND = Non-Detect

2010 Analyses
2013 Analyses
2015 Analyses
2017 Analyses

H = Analyzed outside of Holding Time

J = Estimated vaule between laboratory sample quantitaion limit (SQL) and method quantitaion limit (MQL) (PQL).

ND = Non-Detect

						7			8				9			10			11			12					13
						Oxygen Digester 2	Oxygen Digester 2	Oxygen Digester 2	Clarifier #1	Clarifier #1	Clarifier #1	Clarifier #1	Clarifier #2	Clarifier #2	Clarifier #2	Aerobic Digester	Aerobic Digester	Aerobic Digester	Aeration Basin (Final Clarifier)	Aeration Basin (Final Clarifier)	Aeration Basin (Final Clarifier)	Primary Clarifier	Primary Clarifier	Primary Clarifier	Primary Clarifier	Primary Clarifier	Oil/Water Separator
						9/21/2017	9/21/2017	7/12/2010	9/21/2017	9/21/2017	7/12/2010	7/12/2010	9/21/2017	9/21/2017	7/12/2010	7/16/2015	7/16/2015	7/16/2015	3/19/2015	3/19/2015	7/12/2010	5/21/2015	7/12/2010	5/18/2015	5/18/2015		7/12/2010
ANALYTE/POLLUTANT						USOR-DO2-01-170921	USOR-DO2-02-170921	MCC-WW03-11-100712	USOR-C1-01-170921	USOR-C1-02-170921	MCC-WW06-11-100712	MCC-WW07-12-100712	USOR-C2-01-170921	USOR-C2-02-170921	MCC-WW05-11-100712	USOR-AD-01-150716	USOR-AD-02-150716	USOR-AD-03-150716	USOR AB 01 150319	USOR AB 02 150319	MCC-WW09-11-100712	USOR-PC-03-150521	MCC-WW08-11-100712	USOR-PC-01-150518	USOR-PC-02-150518		MCC-WW10-11-100712
						HS17091171-03	HS17091171-04	T56085-1	HS17091171-05	HS17091171-06	T56085-4	T56085-5	HS17091171-07	HS17091171-08	T56085-3	HS15070682-01	HS15070682-02	HS15070682-03	HS15030065 01	HS15030665 02	T56085-7	HS15050898-02	T56085-6	HS15050731-05	HS15057731-06		T56085-8
Chrysene	100	µg/L	E624/E625	No	6.1	<0.047	0.12 J	<5.7	<0.046	0.12	<5.4	<5.4	<0.046	0.55	<5.4	0.13 J	<0.046	0.16 J			6.1 J	<0.046	<210				<0.98
Dibenzo(a,h)Anthracene	100	µg/L	E624/E625	No	0.53	<0.027	<0.027	<9	<0.026	<0.027	<8.5	<8.5	<0.026	0.052 J	<8.5	<0.026	<0.026	<0.026			<8.4	<0.026	<340				<1.6
1,2-Dichlorobenzene	100	µg/L	E624/E625	No	ND	<0.60	<0.60	<7.3	<0.60	<0.60	<6.9	<6.9	<0.60	<0.60	<6.9	<3.0	<3.0	<3.0			<6.8	<0.60	<270				<1.3
III. **National Categorical Prohibited Pollutants (City of Pasadena - Code of Ordinances 37-117)**	**Pretreatment Limits**	**UNITS**	**TEST METHOD**	**Past Exceedences (Yes/No)**	**Maximum Reading**																						
BASE/NEUTRAL COMPOUNDS																											
1,3-Dichlorobenzene	100	µg/L	E624/E625	No	ND	<0.50	<0.50	<7.3	<0.50	<0.50	<6.9	<6.9	<0.50	<0.50	<6.9	<2.5	<2.5	<2.5			<6.8	<0.50	<270				<1.3
1,4-Dichlorobenzene	100	µg/L	E624/E625	No	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA			<7	<0.60	<280				<1.3
3,3-Dichlorobenzidine	100	µg/L	E624/E625	No	ND	<0.024	<0.024	<19	<0.024	<0.024	<18	<18	<0.024	<0.024	<18	<0.024	<0.024	<0.024			<17	<0.024	<690				<3.2
Diethyl Phthalate	100	µg/L	E624/E625	No	ND	<0.021	<0.021	<6.2	<0.021	<0.021	<5.9	<5.9	<0.021	<0.021	<5.9	<0.021	<0.021	<0.021			<5.8	<0.021	<230				<1.1
Dimethyl Phthalate	100	µg/L	E624/E625	No	ND	<0.031	<0.031	<6.1	<0.030	<0.031	<5.8	<5.8	<0.030	<0.030	<5.8	<0.030	<0.030	<0.030			<5.7	<0.030	<230				<1.1
Di-n-Butyl Phthalate	100	µg/L	E624/E625	Yes 7/12/2010 Primary Clarifier	370	<0.021	0.071 J	<5.9	<0.030	<0.031	<5.6	<5.6	<0.030	<0.030	<5.6	<0.030	<0.030	<0.030			<5.5	<0.030	370				<1
2,4-Dinitrotoluene	100	µg/L	E624/E625	No	ND	<0.031	<0.031	<8.3	<0.030	<0.031	<7.9	<7.9	<0.030	<0.030	<7.9	<0.030	<0.030	<0.030			<7.8	<0.030	<310				<1.4
2,6-Dinitrotoluene	100	µg/L	E624/E625	No	ND	<0.051	<0.051	<7.7	<0.051	<0.051	<7.3	<7.3	<0.050	<0.050	<7.3	<0.050	<0.050	<0.050			<7.2	<0.050	<290				<1.3
Di-n-Octyl Phthalate	100	µg/L	E624/E625	No	0.19	<0.031	<0.031	<7.6	<0.023	<0.023	<7.2	<7.2	<0.023	<0.023	<7.2	<0.023	<0.023	<0.023			<7.1	<0.023	<280				<1.3
1,2-Diphenyl Hydrazine	100	µg/L	E624/E625																								
Fluoranthene	100	µg/L	E624/E625	No	0.53	<0.020	0.068 J	<5.6	<0.020	0.13 J	<5.3	<5.3	<0.020	0.45	<5.3	<0.020	0.14 J	0.72			<5.3	<0.020	<210				<0.97
Fluorene	100	µg/L	E624/E625	Yes 7/12/2010 Primary Clarifier	465	<0.021	<0.021	<7.8	<0.021	0.11 J	<7.4	<7.4	<0.021	0.18 J	<7.4	<0.021	<0.021	<0.021			<7.3	<0.021	465 J				<1.3
Hexachlorobenzene	100	µg/L	E624/E625	No	ND	<0.071	<0.071	<7.8	<0.071	<0.071	<7.4	<7.4	<0.070	<0.070	<7.4	<0.070	<0.070	<0.070			<7.3	<0.070	<290				<1.3
Hexachlorobutadiene	100	µg/L	E624/E625	No	ND	<0.051	<0.051	<6.4	<0.051	<0.051	<6	<6	<0.050	<0.050	<6	<0.050	<0.050	<0.050			<6	<0.050	<240				<1.1
Hexachloroethane	100	µg/L	E624/E625	No	ND	<0.035	<0.035	<5.6	<0.034	<0.035	<5.3	<5.3	<0.034	<0.034	<5.3	<0.034	<0.034	<0.034			<5.3	<0.034	<210				<0.97
Indeno(1,2,3-cd)pyrene	100	µg/L	E624/E625	No	0.19	<0.052	<0.052	<11	<0.052	<0.052	<9.9	<9.9	<0.051	0.069 J	<9.9	<0.051	<0.051	<0.051			<9.8	<0.051	<390				<1.8
Isophorone	100	µg/L	E624/E625	No	ND	<0.031	<0.031	<7	<0.030	<0.031	<6.6	<6.6	<0.030	<0.030	<6.6	<0.030	<0.030	<0.030			<6.5	<0.030	<260				<1.2
Naphthalene	100	µg/L	E624/E625	Yes 7/12/2010 Primary Clarifier	11,000	<0.051	0.11 J	<6.6	0.36	4.1	<6.2	6.8 J	<0.050	1.5	<6.2	2.3	0.72	4.5			<6.1	5.5	11,000				<1.1
Nitrobenzene	100	µg/L	E624/E625	No	ND	<0.051	<0.051	<10	<0.051	<0.051	<9.5	<9.5	<0.050	<0.050	<9.5	<0.050	<0.050	<0.050			<9.4	<0.050	<380				<1.7
N-Nitrosodimethylamine	100	µg/L	E624/E625		ND													NA			<0.029	<360	NA				
N-Nitrosodi-n-Propylamine	100	µg/L	E624/E625	No	ND	<0.041	<0.041	<8.3	<0.040	<0.041	<7.8	<7.8	<0.040	<0.040	<7.8	<0.040	<0.040	<0.040			<7.7	<0.040	<310				<1.4
N-nitrosodiphenylamine	100	µg/L	E624/E625	No	ND	<0.030	<0.030	<9.7	<0.029	<0.030	<9.2	<9.2	<0.029	<0.029	<9.2	<0.029	<0.029	<0.029			<9.1	<0.029	<360				<1.7
Phenathrene	100	µg/L	E624/E625	Yes 7/12/2010 Primary Clarifier	735	<0.020	0.15 J	<5.6	0.081 J	0.41	<5.3	<5.3	<0.020	1.1	<5.3	<0.020	<0.020	<0.020			<5.3	<0.020	735 J				<0.97
Pyrene	100	µg/L	E624/E625	No	10.5	<0.022	0.12 J	<9.7	<0.022	0.19 J	<9.1	<9.1	<0.022	0.75	<9.1	<0.022	0.14 J	0.26			10.5 J	<0.022	<360				<1.7
1,2,4-Trichlorobenzene	100	µg/L	E624/E625	No	ND	<0.60	<0.60	<7.4	<0.60	<0.60	<7	<7	<0.60	<0.60	<7	<3.0	<3.0	<3.0			<6.9	<0.60	<280				<1.3
III. **National Categorical Prohibited Pollutants (City of Pasadena - Code of Ordinances 37-117)**	**Pretreatment Limits**	**UNITS**	**TEST METHOD**	**Past Exceedences (Yes/No)**	**Maximum Reading**																						
PESTICIDES																											
Aldrin	100	µg/L	E608																								
Alpha-BHC	100	µg/L	E608																								
beta-BHC	100	µg/L	E608																								
gamma-BHC	100	µg/L	E608																								
delta-BHC	100	µg/L	E608																								
Chlordane	100	µg/L	E608																								
4,4-DDT	100	µg/L	E608																								
4,4-DDE	100	µg/L	E608																								
4,4,-DDD	100	µg/L	E608																								
Dieldrin	100	µg/L	E608																								
alpha-Endosulfan	100	µg/L	E608																								
beta-Endosulfan	100	µg/L	E608																								
Endosulfan Sulfate	100	µg/L	E608																								
Endrin	100	µg/L	E608																								
Endrin Aldehyde	100	µg/L	E608																								
Heptachlor	100	µg/L	E608																								
Heptachlor Epoxide	100	µg/L	E608																								
PCBs (Total)	100	µg/L	E608																								
PCB-1242	100	µg/L	E608																								
PCB-1254	100	µg/L	E608																								
PCB-1221	100	µg/L	E608																								
PCB-1232	100	µg/L	E608																								
PCB-1248	100	µg/L	E608																								
PCB-1260	100	µg/L	E608																								
PCB-1016	100	µg/L	E608																								
Toxaphene	100	µg/L	E608																								
IV. **Analytes monitored at the treatment plant per TPDES Permit (Not Recommended for Analysis)**	**Pretreatment Limits**	**UNITS**	**TEST METHOD**	**Past Exceedences (Yes/No)**	**Maximum Reading**																						
CBOD		mg/L	SM5210 B																								
Ammonia Nitrogen		mg/L	SM4500 NH3-D																								
Total Kjeldahl Nitrogen		mg/L	M4500 NH3																								
E Coli		CPU or MPN/100 ml																									
Dissolved Oxygen		mg/L	M4500-O G																								
V. **Analyte identified as TMDL in the 2014 Texas Integrated Report - Texas 303(d) List for Segment 1007 (Not Recommended for Analysis)**	**Pretreatment Limits**	**UNITS**	**TEST METHOD**	**Past Exceedences (Yes/No)**	**Maximum Reading**																						
Dioxins																											