APPENDIX A

FIELD SAMPLING LOGS

Montrose Field Forms
Water Levels

JHA ENVIRONMENTAL

CALIBRATION PARAMETER LOG FORM

Date	Time	Manufacturer	Model	Serial #	Cal gas	PPM	0-gas	1-reading (NTU)	2nd reading (PH)	3rd reading (COND)	Initials	Comments
9/28	800	HORIBA	U-52	X8OUKHM	—	—	—	0.0	4.00	4.49	CJ	
	800	HORIBA	U-52	#1	—	—	—	0.0	4.00	4.49	EM	
	750	HORIBA	U-52	#2	—	—	—	0.0	4.01	4.50	EH	
9/29	700	HORIBA	U-52	X8OUKHM	—	—	—	0.0	4.00	4.50	LW	
	650	HORIBA	U-52	#1	—	—	—	0.0	4.01	4.50	EM	
	645	HORIBA	U-52	#2	—	—	—	0.0	4.00	4.49	EH	
9/30	700	HORIBA	U-52	X8OUKHM	—	—	—	0.0	4.00	4.49	CJ	
	645	HORIBA	U-52	#1	—	—	—	0.0	4.01	4.50	EM	
	645	HORIBA	U-52	#2	—	—	—	0.0	4.00	4.49	EH	
	900	HORIBA	U-52	#3	—	—	—	0.0	4.00	4.50	LW	
10/1/15	650	HORIBA	U-52	X8OUKHM	—	—	—	0.0	4.00	4.50	CJ	
	640	HORIBA	U-52	#1	—	—	—	0.0	4.00	4.50	EM	
	645	HORIBA	U-52	#2	—	—	—	0.0	4.00	4.50	EH	
10/2/15	630	HORIBA	U-52	X8OUKHM	—	—	—	0.0	4.00	4.50	CJ	
	640	HORIBA	U-52	#1	—	—	—	0.0	4.00	4.49	LW	

JHA ENVIRONMENTAL

WELL INSPECTION FORM

Project Name: Montrose Chemical Superfund Site	Date: 9/9/15	Project Number: F205

Well ID	Vault Type & Condition	Concrete	Bolts	Casing Size	Lock	Cap	Tubing	Remarks
BF-10	NEEDS SCREWS	YES	NO	4"	NO	YES	NO	
G-09	NEEDS SCREWS	YES	NO	4"	NO	NO	NO	PUMP IN WELL
G-12	CAN'T FIND TOOK PICTURES LOOKS ABANDON.							
G-30	EMCO/ GOOD	YES	YES	4"	YES	YES	NO	
G-31	EMCO/ GOOD	YES	YES	4"	YES	YES	NO	
MW-11								CAR ON WELL
SWL0020								BEHIND LOCK GATE
BF-1W-1	4'x4' LID /GOOD	YES	NEED 2	12"	NO	YES	NO	
BF-1W-2								BEHIND LOCK GATE

Technician: L. WIDNER

JHA ENVIRONMENTAL

GROUNDWATER MONITORING WELL GAUGING FORM

Project Name: Montrose Chemical Superfund Site	Date: 1 Sep 15	Project Number: F205

Well ID	Well Diameter	Time	Depth to Water (ft btoc)	Previous DTW (ft btoc)	Total Depth (ft btoc)	Remarks (Note if bottom is hard or soft)
CMW001					124	
CMW002					124	
CMW017					125	
CMW021					122	
G-02WC					203	
PZL0025				47.08	64	
SWL0026				35.75	178	
SWL0027				33.98	137	
SWL0033				47.75	142.5	
SWL0034				46.38	178	
SWL0049				43.00	63.75	
SWL0058					129	
SWL0063				38.23	192	
BL-13C					164	
BF-01				58.85	126.5	
BF-02				59.67	128	
BF-03				58.84	125.5	
BF-04				57.95	126	
BF-05	4"	0810	49.80	50.00	135	
BF-06	4"	0845	52.14	52.23	132	
BF-07	4"	0922	53.07	53.20	119	
BF-09				59.10	129	
BF-10				40.17	131	
BF-11				45.64	124	

Technician: M. Haley / S. Sanchez

Measuring Device ID: Solinst Interface meter model 122 #225141

JHA ENVIRONMENTAL

GROUNDWATER MONITORING WELL GAUGING FORM CONTINUED

Project Name: Montrose Chemical Superfund Site	Date:	Project Number: F205

Well ID	Well Diameter	Time	Depth to Water (ft btoc)	Previous DTW (ft btoc)	Total Depth (ft btoc)	Remarks (Note if bottom is hard or soft)
BF-12				34.49	120	
BF-13				40.61	138	
BF-14				47.3	122	
BF-15				33.69	114	
BF-16				46.89	130	
BF-17				34.75	124	
BF-19	4"	0945	50.73	51.05	135	
BF-20				58.61	130	
BF-21				50.43	123	
BF-22				45.78	120	
BF-23	4"	1020	36.87	36.69	~~120~~122	
BF-24				42.62	115	
BF-25				35.98	110	
BF-26				48.1	122	
BF-27				36.54	115	
BF-28				46.41	115	
BF-29				50.72	126	
BF-30				35.86	120	
BF-31				48.33	135	
BF-32A				60.57	120	
BF-33				46.50	101	
BF-34				66.01	127	
BF-35				60.92	126	
BF-36				48.09	128	

Technician: _____

Measuring Device ID: _____

JHA ENVIRONMENTAL

GROUNDWATER MONITORING WELL GAUGING FORM CONTINUED

Project Name: Montrose Chemical Superfund Site	Date:	Project Number: F205

Well ID	Well Diameter	Time	Depth to Water (ft btoc)	Previous DTW (ft btoc)	Total Depth (ft btoc)	Remarks (Note if bottom is hard or soft)
BF-OW-1				64.41	187	
BF-OW-3				40.64	160	
BF-OW-4				52.21	175	
G-01				58.14	164.5	
G-02				55.11	180	
G-03				61.08	170	
G-04	4"	0825	51.50	51.72	195	VFD Pump in well
G-05	4"	0840	53.33	53.59	194	
G-06	4"	0925	54.08	54.36	192	
G-08				34.80	181	
G-09				41.70	213	
G-11				38.53	218	cap over well DTW
G-12				38.62	198	~~pump in well - can't gauge~~
G-13	4"	1015	48.40	48.65	197	
G-14	4"	0955	52.26	52.65	196	
G-15				59.89	184	
G-16				49.20	187	
G-17				48.25	213	
G-18				34.85	202	
G-19A				48.11	204	
G-20				66.35	176	
G-21				59.46	171	
G-22				36.95	193	
G-23				47.41	180	
G-24				51.98	182	

Technician: _____ Measuring Device ID: _____

JHA ENVIRONMENTAL

GROUNDWATER MONITORING WELL GAUGING FORM CONTINUED

Project Name: Montrose Chemical Superfund Site	Date:	Project Number: F205

Well ID	Well Diameter	Time	Depth to Water (ft btoc)	Previous DTW (ft btoc)	Total Depth (ft btoc)	Remarks (Note if bottom is hard or soft)
G-25				56.67	169	
G-26				46.75	171.5	
G-27				36.51	170	
G-28				48.88	195	
G-29				49.97	200	
G-30				55.55	202	
G-31				52.92	211	
G-32				49.57	201	
G-33				60.65	201	
G-34				52.65	198	
G-35				44.62	210	
G-OW-1				65.14	187	
G-OW-3				41.98	160	
G-OW-4				52.84	175	
LBF-OW-2				52.97	137	
LBF-OW-3				42.11	136	
LG-01				54.94	211	Covered by boat
LG-02				56.20	207	
LW-01				66.49	251	
LW-02				63.55	253	
LW-03	4"	0950	60.19	62.00	261	
LW-04	4"	0921	62.40	64.10	246	
LW-05				67.68	251	
LW-06				65.65	256	

Technician: _____ Measuring Device ID: _____

JHA ENVIRONMENTAL

GROUNDWATER MONITORING WELL GAUGING FORM CONTINUED

Project Name: Montrose Chemical Superfund Site	Date:	Project Number: F205

Well ID	Well Diameter	Time	Depth to Water (ft btoc)	Previous DTW 2014 (ft btoc)	Total Depth (ft btoc)	Remarks (Note if bottom is hard or soft)
LW-07				69.99	251	
MBFB-OW-1	2"	1330	64.65	64.10	96	
MW-01				53.05	76.6	
MW-02				59.02	77.5	
MW-03				57.80	75	
MW-04				57.00	75.3	
MW-05				55.24	72.4	
MW-06				55.94	85	
MW-07				57.48	85	
MW-08				65.11	85	
MW-09				60.75	85	
MW-10	4"	1000	54.39	53.43	83	
MW-11	4"	0900		52.98	84	Car Parked on well
MW-12	4"	0820	50.36	50.46	85	
MW-13	4"	0847	52.61	52.82	81	
MW-14	4"	0925	53.33	53.41	80	
MW-16				51.39	78	
MW-17				58.10	83	
MW-19	4"	1300	56.65	56.76	80	
MW-20	2"	1200	52.84	NM	74	
MW-21	4"	1100	47.25	46.09	73	
MW-22				52.16	74	
MW-23	4"	1015	46.00	46.81	80	

Technician: _____

Measuring Device ID: _____

JHA ENVIRONMENTAL

GROUNDWATER MONITORING WELL GAUGING FORM CONTINUED

Project Name: Montrose Chemical Superfund Site	Date:	Project Number: F205

Well ID	Well Diameter	Time	Depth to Water (ft btoc)	Total Depth (ft btoc)	Total Depth (ft btoc) Previous	Remarks (Note if bottom is hard or soft)
MW-24				33.00	68	
MW-25				43.05	75	
MW-26				49.38	80	
MW-27	4"	0947	50.69	50.80	77	
MW-28	4"	1215	50.62	50.27	74	
MW-29	4"	0910	49.24	49.31	75	
MW-30	4"	1010	47.55	47.75	80	
MW-31				64.58	82	
UBE-01				59.71	94.3	
UBE-02				55.99	85	
UBE-03				55.34	91	
UBE-04				56.83	95	
UBE-05				57.89	90.5	
UBI-01				56.63	93	
UBI-02				56.85	93	
UBT-01				59.45	99	
UBT-02				59.61	99	
UBT-03				59.71	99	

Technician: _____

Measuring Device ID: _____

JHA ENVIRONMENTAL

GROUNDWATER MONITORING WELL GAUGING FORM CONTINUED

Project Name: Montrose Chemical Superfund Site	Date:	Project Number: F205

Well ID	Well Diameter	Time	Depth to Water (ft btoc)	Total Depth (ft btoc)	Total Depth (ft btoc) Previous	Remarks (Note if bottom is hard or soft)

Technician: _____

Measuring Device ID: _____

JHA ENVIRONMENTAL

GROUNDWATER MONITORING WELL GAUGING FORM

Project Name: Montrose Chemical Superfund Site	Date: 09-01-15	Project Number: F205

Well ID	Well Diameter	Time	Depth to Water (ft btoc)	Previous DTW (ft btoc)	Total Depth (ft btoc)	Remarks (Note if bottom is hard or soft)
CMW001					124	
CMW002					124	
CMW017					125	
CMW021					122	
G-02WC					203	
PZL0025				47.08	64	
SWL0026				35.75	178	
SWL0027				33.98	137	
SWL0033				47.75	142.5	
SWL0034				46.38	178	
SWL0049				43.00	63.75	
SWL0058					129	
SWL0063				38.23	192	
BL-13C					164	
BF-01	4 in	0934	58.68	58.85	126.5	~~low flow tid~~ 4" pump lid
BF-02				59.67	128	
BF-03	4 in	0850	58.61	58.84	125.5	
BF-04	4 in	1007	59.61	57.95	126	TD-124.05
BF-05				50.00	135	
BF-06				52.23	132	
BF-07				53.20	119	
BF-09	(DP) 6 in	1015	59.02	59.10	129	Conductor casing is rotting
BF-10				40.17	131	
BF-11	4"	13:07	45.31	45.64	124	Pump

Technician: Stan Jackson
Jim McHarry

Measuring Device ID: 212856

JHA ENVIRONMENTAL

GROUNDWATER MONITORING WELL GAUGING FORM CONTINUED

Project Name: Montrose Chemical Superfund Site	Date: 09-01-15	Project Number: F205

Well ID	Well Diameter	Time	Depth to Water (ft btoc)	Previous DTW (ft btoc)	Total Depth (ft btoc)	Remarks (Note if bottom is hard or soft)
BF-12				34.49	120	
BF-13				40.61	138	
BF-14				47.3	122	
BF-15				33.69	114	
BF-16				46.89	130	
BF-17	4"	11:58	34.61	34.75	124	No bolts - Diversified Vault
BF-19				51.05	135	
BF-20				58.61	130	
BF-21				50.43	123	
BF-22				45.78	120	
BF-23				36.69	120122	
BF-24				42.62	115	
BF-25				35.98	110	
BF-26				48.1	122	
BF-27				36.54	115	
BF-28				46.41	115	
BF-29				50.72	126	
BF-30				35.86	120	
BF-31				48.33	135	
BF-32A				60.57	120	
BF-33				46.50	101	
BF-34				66.01	127	
BF-35	2 in	10:32	60.76	60.92	126	No bolts, thread worn, in street
BF-36				48.09	128	

Technician: Stan Jackson
Jim McHarg

Measuring Device ID: 212756

JHA ENVIRONMENTAL

GROUNDWATER MONITORING WELL GAUGING FORM CONTINUED

Project Name: Montrose Chemical Superfund Site	Date: 09-01-15	Project Number: F205

Well ID	Well Diameter	Time	Depth to Water (ft btoc)	Previous DTW (ft btoc)	Total Depth (ft btoc)	Remarks (Note if bottom is hard or soft)
BF-OW-1				64.41	187	
BF-OW-3				40.64	160	
BF-OW-4				52.21	175	
G-01	4 in	0918	57.76	58.14	164.5	
G-02				55.11	180	
G-03	4 in	1000	60.72	61.08	170	
G-04				51.72	195	
G-05				53.59	194	
G-06				54.36	192	
G-08				34.80	181	
G-09				41.70	213	
G-11				38.53	218	
G-12				38.62	198	
G-13				48.65	197	
G-14				52.65	196	
G-15				59.89	184	
G-16				49.20	187	
G-17				48.25	213	
G-18				34.85	202	
G-19A				48.11	204	
G-20				66.35	176	
G-21	2 in	10:35	59.07	59.46	171	One bolt, no threads, in street
G-22				36.95	193	
G-23				47.41	180	
G-24				51.98	182	

Technician: Stan Jackson
Jim McHarry

Measuring Device ID: 212756

JHA ENVIRONMENTAL

GROUNDWATER MONITORING WELL GAUGING FORM CONTINUED

Project Name: Montrose Chemical Superfund Site	Date: 09-01-15	Project Number: F205

Well ID	Well Diameter	Time	Depth to Water (ft btoc)	Previous DTW (ft btoc)	Total Depth (ft btoc)	Remarks (Note if bottom is hard or soft)
G-25				56.67	169	
G-26				46.75	171.5	
G-27				36.51	170	
G-28				48.88	195	
G-29				49.97	200	
G-30				55.55	202	
G-31				52.92	211	
G-32				49.57	201	
G-33				60.65	201	
G-34				52.65	198	
G-35				44.62	210	
G-OW-1				65.14	187	
G-OW-3				41.98	160	
G-OW-4				52.84	175	
LBF-OW-2				52.97	137	
LBF-OW-3				42.11	136	
LG-01	4in	1044	54.41	54.94	211	New bolts
LG-02	4in	0904	55.17	56.20	207	Schedule 80 PVC
LW-01	4.5in	0900	64.59	66.49	251	
LW-02				63.55	253	
LW-03				62.00	261	
LW-04				64.10	246	
LW-05	4 in	0917	66.01	67.68	251	
LW-06	4in	0841	66.29	65.65	256	

Technician: Stan Jackson
Jim McHarry

Measuring Device ID: 212756

JHA ENVIRONMENTAL

GROUNDWATER MONITORING WELL GAUGING FORM CONTINUED

Project Name: Montrose Chemical Superfund Site	Date: 09-01-15	Project Number: F205

Well ID	Well Diameter	Time	Depth to Water (ft btoc)	Previous DTW 2014 (ft btoc)	Total Depth (ft btoc)	Remarks (Note if bottom is hard or soft)
LW-07	4 in	1010	68.26	69.99	251	
MBFB-OW-1				64.10	96	
MW-01				53.05	76.6	
MW-02	4in	0947	58.86	59.02	77.5	Has a pump in it
MW-03	4 in	0930	57.51	57.80	75	
MW-04	4 in	0915	56.87	57.00	75.3	Has a low flow lid
MW-05	4 in	0844	56.84	55.24	72.4	
MW-06				55.94	85	
MW-07				57.48	85	
MW-08				65.11	85	
MW-09				60.75	85	
MW-10				53.43	83	
MW-11				52.98	84	
MW-12				50.46	85	
MW-13				52.82	81	
MW-14				53.41	80	
MW-16				51.39	78	
MW-17				58.10	83	
MW-19				56.76	80	
MW-20				NM	74	
MW-21				46.09	73	
MW-22				52.16	74	
MW-23				46.81	80	

Technician: Stan Jackson / Jim McHarry

Measuring Device ID: 212756

JHA ENVIRONMENTAL

GROUNDWATER MONITORING WELL GAUGING FORM CONTINUED

Project Name: Montrose Chemical Superfund Site	Date: 09-01-15	Project Number: F205

Well ID	Well Diameter	Time	Depth to Water (ft btoc)	Total Depth (ft btoc)	Total Depth (ft btoc) Previous	Remarks (Note if bottom is hard or soft)
MW-24				33.00	68	
MW-25	4"	13:17	42.90	43.05	75	Pump
MW-26				49.38	80	
MW-27				50.80	77	
MW-28				50.27	74	
MW-29				49.31	75	
MW-30				47.75	80	
MW-31				64.58	82	
UBE-01	8"	13:39	59.53	59.71	94.3	
UBE-02	8"	13:56	55.78	55.99	85	
UBE-03	~~12~~ 8"	13:32	55.20	55.34	91	
UBE-04	8"	13:59	56.60	56.83	95	
UBE-05	6"	13:52	57.65	57.89	90.5	
UBI-01	6"	13:47	56.42	56.63	93	Bent bolts
UBI-02	8"	14:16	56.60	56.85	93	
UBT-01	6"	13:44	59.33	59.45	99	
UBT-02	~~8~~ 4"	~~14:16~~ 13:44	~~56.60~~ 59.48	59.61	99	
UBT-03	4"	13.36	59.57	59.71	99	

Technician: Stan Jackson
Jim McHarry

Measuring Device ID: 212756

JHA ENVIRONMENTAL

GROUNDWATER MONITORING WELL GAUGING FORM CONTINUED

Project Name: Montrose Chemical Superfund Site	Date:	Project Number: F205

Well ID	Well Diameter	Time	Depth to Water (ft btoc)	Total Depth (ft btoc)	Total Depth (ft btoc) Previous	Remarks (Note if bottom is hard or soft)
1	4"	13:42	59.48			~~UBT2~~ UBT2a
2	6"	13:44	59.33			UBE2
3	8"	13:56	55.78			UBE4
4	8"	13:59	56.66			

Technician: _____

Measuring Device ID: _____

JHA ENVIRONMENTAL

GROUNDWATER MONITORING WELL GAUGING FORM

Project Name: Montrose Chemical Superfund Site	Date: 9/1/15	Project Number: F205

Well ID	Well Diameter	Time	Depth to Water (ft btoc)	Previous DTW (ft btoc)	Total Depth (ft btoc)	Remarks (Note if bottom is hard or soft)
CMW001					124	
CMW002					124	
CMW017					125	
CMW021					122	
G-02WC					203	
PZL0025				47.08	64	
SWL0026				35.75	178	
SWL0027				33.98	137	
SWL0033				47.75	142.5	
SWL0034				46.38	178	
SWL0049				43.00	63.75	
SWL0058					129	
SWL0063				38.23	192	
BL-13C	2	1225	64.20		164	In Frito-Lay Lot SE area; Pellets
BF-01				58.85	126.5	
BF-02	4	~~0948~~ 1048	59.80	59.67	128	mislabeled on ground/cap. Labeled BF-04 incorrectly
BF-03				58.84	125.5	
BF-04	4	~~0948~~ 1057	~~59.80~~ 57.97	57.95 ~~54.80~~	126 ~~124.20~~	East of where shown on MAP.
BF-05				50.00	135	
BF-06				52.23	132	
BF-07				53.20	119	
BF-09				59.10	129	
BF-10				40.17	131	
BF-11				45.64	124	

Heron Dipper-T

Technician: Eric Morse

Measuring Device ID: 24191

JHA ENVIRONMENTAL

GROUNDWATER MONITORING WELL GAUGING FORM CONTINUED

Project Name: Montrose Chemical Superfund Site	Date: 9/1/15	Project Number: F205

Well ID	Well Diameter	Time	Depth to Water (ft btoc)	Previous DTW (ft btoc)	Total Depth (ft btoc)	Remarks (Note if bottom is hard or soft)
BF-12				34.49	120	
BF-13				40.61	138	
BF-14				47.3	122	
BF-15				33.69	114	
BF-16				46.89	130	
BF-17				34.75	124	
BF-19				51.05	135	
BF-20				58.61	130	
BF-21	4	922	50.51	50.43	123	
BF-22				45.78	120	
BF-23				36.69	120122	
BF-24				42.62	115	
BF-25				35.98	110	
BF-26				48.1	122	
BF-27				36.54	115	
BF-28				46.41	115	
BF-29	4	1151	50.53	50.72	126	across from 20856 Hall dale ave
BF-30				35.86	120	
BF-31	4	1158	48.35	48.33	135	Infront of 20915 Donker.
BF-32A	4	1128	60.30	60.57	120	Just W. 1605 Drive way, not Labeled.
BF-33	4	845	46.33	46.50	101	
BF-34	2	1229	66.00	66.01	127	In Frito Lay Lot, N. of spot 64
BF-35				60.92	126	
BF-36				48.09	128	

Heron Dipper-T

Technician: Eric Morse

Measuring Device ID: 24191

JHA ENVIRONMENTAL

GROUNDWATER MONITORING WELL GAUGING FORM CONTINUED

Project Name: Montrose Chemical Superfund Site	Date: 9/1/15	Project Number: F205

Well ID	Well Diameter	Time	Depth to Water (ft btoc)	Previous DTW (ft btoc)	Total Depth (ft btoc)	Remarks (Note if bottom is hard or soft)
BF-OW-1				64.41	187	
BF-OW-3				40.64	160	
BF-OW-4	2	1323	52.18	52.21	175	
G-01				58.14	164.5	
G-02	4	1029	54.94	55.11	180	
G-03				61.08	170	
G-04				51.72	195	
G-05				53.59	194	
G-06				54.36	192	
G-08				34.80	181	
G-09				41.70	213	
G-11				38.53	218	
G-12				38.62	198	
G-13				48.65	197	
G-14				52.65	196	Between slots 120 & T-10 NE side of site
G-15	4	1334	59.81	59.89	184	In Farmer Brothers ~~Just before ramp~~
G-16	4	932	49.11	49.20	187	
G-17				48.25	213	
G-18				34.85	202	
G-19A				48.11	204	
G-20				66.35	176	
G-21				59.46	171	
G-22				36.95	193	
G-23				47.41	180	
G-24	4	926	52.10	51.98	182	

Technician: E. Morse

Measuring Device ID: 24191

Heron dipper T

JHA ENVIRONMENTAL

GROUNDWATER MONITORING WELL GAUGING FORM CONTINUED

Project Name: Montrose Chemical Superfund Site	Date: 9/1/15	Project Number: F205

Well ID	Well Diameter	Time	Depth to Water (ft btoc)	Previous DTW (ft btoc)	Total Depth (ft btoc)	Remarks (Note if bottom is hard or soft)
G-25	4	952	56.76	56.67	169	
G-26	4	915	46.90	46.75	171.5	
G-27				36.51	170	
G-28				48.88	195	
G-29				49.97	200	
G-30				55.55	202	Packed over, visited multiple visits white suburb
G-31				52.92	211	
G-32				49.57	201	
G-33	4	1120	60.78	60.65	201	W. of 1611 Driveway, map inversed. mis labeled on grou
G-34				52.65	198	
G-35				44.62	210	
G-OW-1				65.14	187	
G-OW-3				41.98	160	
G-OW-4				52.84	175	
LBF-OW-2				52.97	137	
LBF-OW-3				42.11	136	
LG-01	4	~~54.58~~ 1102 / 54.58		54.94	211	
LG-02				56.20	207	
LW-01				66.49	251	
LW-02				63.55	253	
LW-03				62.00	261	
LW-04				64.10	246	
LW-05				67.68	251	
LW-06				65.65	256	

Technician: E. Morse

Measuring Device ID: 24191
Dipper T
Heron

JHA ENVIRONMENTAL

GROUNDWATER MONITORING WELL GAUGING FORM CONTINUED

Project Name: Montrose Chemical Superfund Site	Date: 9/1/15	Project Number: F205

Well ID	Well Diameter	Time	Depth to Water (ft btoc)	Previous DTW 2014 (ft btoc)	Total Depth (ft btoc)	Remarks (Note if bottom is hard or soft)
LW-07				69.99	251	
MBFB-OW-1				64.10	96	
MW-01	4	1034	52.95	53.05	76.6	
MW-02				59.02	77.5	
MW-03				57.80	75	
MW-04				57.00	75.3	
~~MW-05~~	4"	1016	55.80	~~55.24~~	~~72.4~~	MW-6 Gauged by ERIC M and Kathryn C. (AECOM)
MW-06				55.94	85	
MW-07				57.48	85	
MW-08				65.11	85	
MW-09	4	1301	61.74	60.75	85	Corner of 1440 Building (NE) in road.
MW-10				53.43	83	
MW-11				52.98	84	
MW-12				50.46	85	
MW-13				52.82	81	
MW-14				53.41	80	
MW-16	4	1205	51.41	51.39	78	15' E. of Well, 10' E gate on scale driveway
MW-17				58.10	83	
MW-19				56.76	80	
MW-20				NM	74	
MW-21				46.09	73	
MW-22	4	942	52.13	52.16	74	
MW-23				46.81	80	

Technician: Eric Morse

Measuring Device ID: 24191
Heron Dipper-T

JHA ENVIRONMENTAL

GROUNDWATER MONITORING WELL GAUGING FORM CONTINUED

Project Name: Montrose Chemical Superfund Site	Date: 9/1/15	Project Number: F205

Well ID	Well Diameter	Time	Depth to Water (ft btoc)	Total Depth (ft btoc)	Total Depth (ft btoc) Previous	Remarks (Note if bottom is hard or soft)
MW-24				33.00	68	
MW-25				43.05	75	
MW-26				49.38	80	
MW-27				50.80	77	
MW-28				50.27	74	
MW-29				49.31	75	
MW-30				47.75	80	
MW-31				64.58	82	
UBE-01				59.71	94.3	
UBE-02				55.99	85	
UBE-03				55.34	91	
UBE-04				56.83	95	
UBE-05				57.89	90.5	
UBI-01				56.63	93	
UBI-02				56.85	93	
UBT-01				59.45	99	
UBT-02				59.61	99	
UBT-03				59.71	99	

Technician: Eric Morse

Measuring Device ID: 24191

JHA ENVIRONMENTAL

GROUNDWATER MONITORING WELL GAUGING FORM CONTINUED

Project Name: Montrose Chemical Superfund Site	Date:	Project Number: F205

Well ID	Well Diameter	Time	Depth to Water (ft btoc)	Total Depth (ft btoc)	Total Depth (ft btoc) Previous	Remarks (Note if bottom is hard or soft)

Technician: _____

Measuring Device ID: _____

JHA ENVIRONMENTAL

GROUNDWATER MONITORING WELL GAUGING FORM

Project Name: Montrose Chemical Superfund Site	Date: 9-1-15	Project Number: F205

Well ID	Well Diameter	Time	Depth to Water (ft btoc)	Previous DTW (ft btoc)	Total Depth (ft btoc)	Remarks (Note if bottom is hard or soft)
CMW001					124	
CMW002					124	
CMW017					125	
CMW021					122	
G-02WC					203	
PZL0025				47.08	64	
SWL0026	4"	847	35.48	35.75	178	
SWL0027	4"	849	33.84	33.98	137	
SWL0033				47.75	142.5	
SWL0034	4"	936	47.36	46.38	178	
SWL0049	4"	938	42.73	43.00	63.75	
SWL0058					129	
SWL0063	4"	832	50.68	38.23	192	Double checked DTW
BL-13C					164	
BF-01				58.85	126.5	
BF-02				59.67	128	
BF-03				58.84	125.5	
BF-04				57.95	126	
BF-05				50.00	135	
BF-06				52.23	132	
BF-07				53.20	119	
BF-09				59.10	129	
BF-10				40.17	131	
BF-11				45.64	124	

Technician: Eric Holmberg

Measuring Device ID: Heron Instruments 32462

JHA ENVIRONMENTAL

GROUNDWATER MONITORING WELL GAUGING FORM CONTINUED

Project Name: Montrose Chemical Superfund Site	Date: 9-1-15	Project Number: F205

Well ID	Well Diameter	Time	Depth to Water (ft btoc)	Previous DTW (ft btoc)	Total Depth (ft btoc)	Remarks (Note if bottom is hard or soft)
BF-12				34.49	120	
BF-13				40.61	138	
BF-14				47.3	122	
BF-15	4"	914	33.53	33.69	114	
BF-16	~~4"~~	~~906~~	~~48.90~~	46.89	130	
BF-17				34.75	124	
BF-19				51.05	135	
BF-20				58.61	130	
BF-21				50.43	123	
BF-22				45.78	120	
BF-23				36.69	120122	
BF-24				42.62	115	
BF-25	4"	1105	35.91	35.98	110	
BF-26	4"	1113	48.02	48.1	122	
BF-27				36.54	115	
BF-28				46.41	115	
BF-29				50.72	126	
BF-30				35.86	120	
BF-31				48.33	135	
BF-32A				60.57	120	
BF-33				46.50	101	
BF-34				66.01	127	
BF-35				60.92	126	
BF-36				48.09	128	

Technician: Eric Holmberg

Measuring Device ID: 32462

JHA ENVIRONMENTAL

GROUNDWATER MONITORING WELL GAUGING FORM CONTINUED

Project Name: Montrose Chemical Superfund Site	Date: 9-1-15	Project Number: F205

Well ID	Well Diameter	Time	Depth to Water (ft btoc)	Previous DTW (ft btoc)	Total Depth (ft btoc)	Remarks (Note if bottom is hard or soft)
BF-OW-1				64.41	187	
BF-OW-3	2"	1045	40.53	40.64	160	In same well box as LBF-OW-3 & G-OW-3
BF-OW-4				52.21	175	
G-01				58.14	164.5	
G-02				55.11	180	
G-03				61.08	170	
G-04				51.72	195	
G-05				53.59	194	
G-06				54.36	192	
G-08	4"	922	34.50	34.80	181	
G-09				41.70	213	
G-11				38.53	218	
G-12				38.62	198	
G-13				48.65	197	
G-14				52.65	196	
G-15				59.89	184	
G-16	4"	906	49.90	49.20	187	
G-17				48.25	213	
G-18				34.85	202	
G-19A				48.11	204	
G-20				66.35	176	
G-21				59.46	171	
G-22				36.95	193	
G-23				47.41	180	
G-24				51.98	182	

Technician: Eric Holmberg

Measuring Device ID: 32462

JHA ENVIRONMENTAL

GROUNDWATER MONITORING WELL GAUGING FORM CONTINUED

Project Name: Montrose Chemical Superfund Site	Date: 9-1-15	Project Number: F205

Well ID	Well Diameter	Time	Depth to Water (ft btoc)	Previous DTW (ft btoc)	Total Depth (ft btoc)	Remarks (Note if bottom is hard or soft)
G-25				56.67	169	
G-26				46.75	171.5	
G-27				36.51	170	
G-28				48.88	195	
G-29				49.97	200	
G-30				55.55	202	
G-31				52.92	211	
G-32				49.57	201	
G-33				60.65	201	
G-34				52.65	198	
G-35				44.62	210	
G-OW-1				65.14	187	
G-OW-3	2"	1046	41.71	41.98	160	In same well box as BF-OW-3 & LBF-OW-3
G-OW-4	2"	955	52.55	52.84	175	
LBF-OW-2				52.97	137	
LBF-OW-3	2"	1047	41.65	42.11	136	
LG-01				54.94	211	In same well box as BF-OW-3 & G-OW-3
LG-02				56.20	207	
LW-01				66.49	251	
LW-02	4"	1029	61.91	63.55	253	
LW-03				62.00	261	
LW-04				64.10	246	
LW-05				67.68	251	
LW-06				65.65	256	

Technician: Eric Holmberg

Measuring Device ID: 32462

JHA ENVIRONMENTAL

GROUNDWATER MONITORING WELL GAUGING FORM CONTINUED

Project Name: Montrose Chemical Superfund Site	Date: 9-1-15	Project Number: F205

Well ID	Well Diameter	Time	Depth to Water (ft btoc)	Previous DTW 2014 (ft btoc)	Total Depth (ft btoc)	Remarks (Note if bottom is hard or soft)
LW-07				69.99	251	
MBFB-OW-1				64.10	96	
MW-01				53.05	76.6	
MW-02				59.02	77.5	
MW-03				57.80	75	
MW-04				57.00	75.3	
MW-05				55.24	72.4	
MW-06				55.94	85	
MW-07				57.48	85	
MW-08				65.11	85	
MW-09				60.75	85	
MW-10				53.43	83	
MW-11				52.98	84	
MW-12				50.46	85	
MW-13				52.82	81	
MW-14				53.41	80	
MW-16				51.39	78	
MW-17				58.10	83	
MW-19				56.76	80	
MW-20				NM	74	
MW-21				46.09	73	
MW-22				52.16	74	
MW-23				46.81	80	

Technician: Eric Holmberg

Measuring Device ID: 32462

JHA ENVIRONMENTAL

GROUNDWATER MONITORING WELL GAUGING FORM CONTINUED

Project Name: Montrose Chemical Superfund Site	Date: 9-1-15	Project Number: F205

Well ID	Well Diameter	Time	Depth to Water (ft btoc)	Total Depth (ft btoc)	Total Depth (ft btoc) Previous	Remarks (Note if bottom is hard or soft)
MW-24	4"	929	32.68	33.00	68	
MW-25				43.05	75	
MW-26	4"	855	49.20	49.38	80	
MW-27				50.80	77	
MW-28				50.27	74	
MW-29				49.31	75	
MW-30				47.75	80	
MW-31				64.58	82	
UBE-01				59.71	94.3	
UBE-02				55.99	85	
UBE-03				55.34	91	
UBE-04				56.83	95	
UBE-05				57.89	90.5	
UBI-01				56.63	93	
UBI-02				56.85	93	
UBT-01				59.45	99	
UBT-02				59.61	99	
UBT-03				59.71	99	

Technician: Eric Holmberg

Measuring Device ID: 32462

JHA ENVIRONMENTAL

GROUNDWATER MONITORING WELL GAUGING FORM CONTINUED

Project Name: Montrose Chemical Superfund Site	Date: 9-1-15	Project Number: F205

Well ID	Well Diameter	Time	Depth to Water (ft btoc)	Total Depth (ft btoc)	Total Depth (ft btoc) Previous	Remarks (Note if bottom is hard or soft)

Technician: _____

Measuring Device ID: 32462

JHA ENVIRONMENTAL

GROUNDWATER MONITORING WELL GAUGING FORM

Project Name: Montrose Chemical Superfund Site	Date: 9/1/15	Project Number: F205

Well ID	Well Diameter	Time	Depth to Water (ft btoc)	Previous DTW (ft btoc)	Total Depth (ft btoc)	Remarks (Note if bottom is hard or soft)
CMW001					124	
CMW002					124	
CMW017					125	
CMW021					122	
G-02WC					203	
PZL0025				47.08	64	
SWL0026				35.75	178	
SWL0027				33.98	137	
SWL0033				47.75	142.5	
SWL0034				46.38	178	
SWL0049				43.00	63.75	
SWL0058					129	
SWL0063				38.23	192	
BL-13C					164	
BF-01				58.85	126.5	
BF-02				59.67	128	
BF-03				58.84	125.5	
BF-04				57.95	126	
BF-05				50.00	135	
BF-06				52.23	132	
BF-07				53.20	119	
BF-09				59.10	129	
BF-10	4"			40.17	131	TRUK ON TOP OF WELL
BF-11	4			45.64	124	PUMP IN WELL

Technician: Lester Widner

Measuring Device ID: 023890/201082

JHA ENVIRONMENTAL

GROUNDWATER MONITORING WELL GAUGING FORM CONTINUED

Project Name: Montrose Chemical Superfund Site	Date: 9/1/15	Project Number: F205

Well ID	Well Diameter	Time	Depth to Water (ft btoc)	Previous DTW (ft btoc)	Total Depth (ft btoc)	Remarks (Note if bottom is hard or soft)
BF-12	4"	1105	34.28	34.49	120	
BF-13				40.61	138	
BF-14	4	1325	47.20	47.3	122	
BF-15				33.69	114	
BF-16	4"	1200	46.83	46.89	130	
BF-17	4"	~~1045~~ ~~1150~~	~~36.80~~	34.75	124	~~DOUBLE CHECK BOTH REF~~ PUMP IN WELL
BF-19				51.05	135	
BF-20				58.61	130	
BF-21	4"	1315	50.38	50.43	123	
BF-22	4"	1153	45.74	45.78	120	
BF-23				36.69	120122	
BF-24	4"	1307	42.49	42.62	115	
BF-25	4"	1030		35.98	110	PUMP IN WELL
BF-26	4"	10:00		48.1	122	PUMP IN WELL
BF-27	2"	1015	36.95	36.54	115	
BF-28	4"	1130	46.34	46.41	115	
BF-29	4"	~~0836~~	~~49.80~~	50.72	126	
BF-30	4"	1144	35.94	35.86	120	
BF-31				48.33	135	
BF-32A				60.57	120	
BF-33				46.50	101	
BF-34				66.01	127	
BF-35				60.92	126	
BF-36	4	910	48.16	48.09	128	

Technician: Lester Widner

Measuring Device ID: 023890/201082

JHA ENVIRONMENTAL

GROUNDWATER MONITORING WELL GAUGING FORM CONTINUED

Project Name: Montrose Chemical Superfund Site	Date: 9/1/15	Project Number: F205

Well ID	Well Diameter	Time	Depth to Water (ft btoc)	Previous DTW (ft btoc)	Total Depth (ft btoc)	Remarks (Note if bottom is hard or soft)
BF-OW-1				64.41	187	
BF-OW-3				40.64	160	
BF-OW-4				52.21	175	
G-01				58.14	164.5	
G-02				55.11	180	
G-03				61.08	170	
G-04				51.72	195	
G-05				53.59	194	
G-06				54.36	192	
G-08				34.80	181	
G-09		1340		41.70	213	TRUCK ON TOP OF WELL
G-11				38.53	218	
G-12				38.62	198	
G-13				48.65	197	
G-14				52.65	196	
G-15				59.89	184	
G-16				49.20	187	
G-17				48.25	213	
G-18	4	1137	34.55	34.85	202	
G-19A	4	1313	47.76	48.11	204	
G-20				66.35	176	
G-21				59.46	171	
G-22	4"	1045	36.80	36.95	193	
G-23	4"	1205	47.25	47.41	180	
G-24	4"	1320	51.90	51.98	182	

Technician: _____

Measuring Device ID: 023890/201082

JHA ENVIRONMENTAL

GROUNDWATER MONITORING WELL GAUGING FORM CONTINUED

Project Name: Montrose Chemical Superfund Site	Date: 9/1/15	Project Number: F205

Well ID	Well Diameter	Time	Depth to Water (ft btoc)	Previous DTW (ft btoc)	Total Depth (ft btoc)	Remarks (Note if bottom is hard or soft)
G-25				56.67	169	
G-26				46.75	171.5	
G-27	4	1149	36.45	36.51	170	
G-28	4	950	48.57	48.88	195	
G-29	4"	836	49.80	49.97	200	
G-30				55.55	202	
G-31	N/A	N/A	N/A	52.92	211	CAP ON TOP OF WELL
G-32	4"	851	49.54	49.57	201	
G-33				60.65	201	
G-34	4	930	52.53	52.65	198	
G-35	4"	1115	44.55	44.62	210	
G-OW-1				65.14	187	
G-OW-3				41.98	160	
G-OW-4				52.84	175	
LBF-OW-2				52.97	137	
LBF-OW-3				42.11	136	
LG-01				54.94	211	
LG-02				56.20	207	
LW-01				66.49	251	
LW-02				63.55	253	
LW-03				62.00	261	
LW-04				64.10	246	
LW-05				67.68	251	
LW-06				65.65	256	

Technician: _____

Measuring Device ID: 023890/201082

JHA ENVIRONMENTAL

GROUNDWATER MONITORING WELL GAUGING FORM CONTINUED

Project Name: Montrose Chemical Superfund Site	Date: 9/1/15	Project Number: F205

Well ID	Well Diameter	Time	Depth to Water (ft btoc)	Previous DTW 2014 (ft btoc)	Total Depth (ft btoc)	Remarks (Note if bottom is hard or soft)
LW-07				69.99	251	
MBFB-OW-1				64.10	96	
MW-01				53.05	76.6	
MW-02				59.02	77.5	
MW-03				57.80	75	
MW-04				57.00	75.3	
MW-05				55.24	72.4	
MW-06				55.94	85	
MW-07				57.48	85	
MW-08				65.11	85	
MW-09				60.75	85	
MW-10				53.43	83	
MW-11				52.98	84	
MW-12				50.46	85	
MW-13				52.82	81	
MW-14				53.41	80	
MW-16				51.39	78	
MW-17				58.10	83	
MW-19				56.76	80	
MW-20				NM	74	
MW-21				46.09	73	
MW-22				52.16	74	
MW-23				46.81	80	

Technician: _____

Measuring Device ID: 023890/201082

JHA ENVIRONMENTAL

GROUNDWATER MONITORING WELL GAUGING FORM CONTINUED

Project Name: Montrose Chemical Superfund Site	Date: 9/1/19	Project Number: F205

Well ID	Well Diameter	Time	Depth to Water (ft btoc)	Total Depth (ft btoc)	Total Depth (ft btoc) Previous	Remarks (Note if bottom is hard or soft)
MW-24				33.00	68	
MW-25	4	1300		43.05	75	
MW-26				49.38	80	pump in well
MW-27				50.80	77	
MW-28				50.27	74	
MW-29				49.31	75	
MW-30				47.75	80	
MW-31				64.58	82	
UBE-01				59.71	94.3	
UBE-02				55.99	85	
UBE-03				55.34	91	
UBE-04				56.83	95	
UBE-05				57.89	90.5	
UBI-01				56.63	93	
UBI-02				56.85	93	
UBT-01				59.45	99	
UBT-02				59.61	99	
UBT-03				59.71	99	

Technician: _____

Measuring Device ID: 023890/201082

JHA ENVIRONMENTAL

GROUNDWATER MONITORING WELL GAUGING FORM CONTINUED

Project Name: Montrose Chemical Superfund Site	Date:	Project Number: F205

Well ID	Well Diameter	Time	Depth to Water (ft btoc)	Total Depth (ft btoc)	Total Depth (ft btoc) Previous	Remarks (Note if bottom is hard or soft)

Technician: _____

Measuring Device ID: _____

JHA ENVIRONMENTAL

GROUNDWATER MONITORING WELL GAUGING FORM

Project Name: Montrose Chemical Superfund Site	Date: 9/9/15	Project Number: F205

Well ID	Well Diameter	Time	Depth to Water (ft btoc)	Previous DTW (ft btoc)	Total Depth (ft btoc)	Remarks (Note if bottom is hard or soft)
BF-10	4	1115	39.98	40.17	131	WELL OK
G-09	4	1120	41.50	41.70	213	PUMP IN WELL
G-12	4			38.62	198	LOOKS LIKE ITS ABANDON.
G-30	4	1006	55.32	55.55	202	WELL EVERYTHING OK.
G-31	4	1200	52.86	52.92	211	WELL OK
MW-11				52.98	84	CAR ON WELL / MOVED CONE I HAD ON BEHIND LOCK GATE
SWL0020						WELL
BF-IW-1	12"	1030	64.98	65.17	125	OK
BF-IW-2				33.68	144	BEHIND LOCK GATE
CALIBRATION WELL	TIME	DTW	TECH	CONTRACTOR	CLIENT	DEVICE I.D.
WCC-05S	930	58.77	LESTER	JHA	MONTROSE	201082

Technician: L. WISNER

Measuring Device ID: 201082

Montrose Field Forms
Groundwater
Sampling

JHA Environmental

GROUNDWATER SAMPLING FORM

Well ID #: MW-01	**Purging Method:** Low-Flow	**Site:** Montrose Chemical Superfund
Well Diameter (in): 4"	**Pump Model and ID:** MP50-1616	**Date:** 9-28-15
Measurement Point: TOC - North Side	**Tubing Type and Diameter:** TLPE.17X1/4 x LDPE.17x1/4	**Sampling Event:** September 2015
Installed Well Depth (ft): 76.60	**WQ Meter Model and ID:** ~~73' x 5mL (365mL) + (100mL)~~ U52 / X80 UKHAC	**Project Number:** F205
Screen Interval (ft): 63-73	**Minimum Initial Purge Volume (mL):** ~~465~~ 930	**Client Name:** Montrose / demaximis
Depth to LNAPL (ft): N/A	**Control Box Settings**	**Client Project Number:**
Depth to Water (ft): 53.83'	**CPM:** 4 **R:** 10 **D:** 5 **PSI:** 70	**Sampled By:** C Johnson
Pump Set Depth (ft): 68'	**Weather Conditions:** Patchy Clouds, Hot	

Time (hh:mm)	Depth to Water (ft)	Flow Rate (mL/min)	Total Volume Purged (mL)	Temp. (deg C)	Cond. (mS/cm)	pH	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Observations
0930	53.83	200	—	—	—	—	—	—	—	Cloudy
0955	53.83	↓	5000	23.74	6.68	6.66	196	1.44	-49	Slightly Cloudy
1000	53.83		6000	23.69	6.61	6.66	162	1.25	-57	↓
1005	53.83		7000	23.70	6.60	6.66	121	1.12	-62	
1010	53.83		8000	23.70	6.61	6.66	118	1.09	-63	
1015	53.83		9000	23.72	6.59	6.66	113	1.08	-64	

Sample Type	Quantity/Container Type	Preservative	Analysis	Sample Time	Sample Indentification
Primary	3, VOAs (40 ml); 1, 125 ml poly	HCL; 4°C	VOCs Including fuel oxygenates (8260B); pCBSA (EPA 314 Modiified)	1020	MW-01-20150928

Notes:

JHA Environmental

Duplicate

GROUNDWATER SAMPLING FORM

Well ID #: MW-02	**Purging Method:** Low-Flow	**Site:** Montrose Chemical Superfund
Well Diameter (in): 4"	**Pump Model and ID:** MP-50-1617	**Date:** 9-30-15
Measurement Point: TOC - North Side	**Tubing Type and Diameter:** TLPE.17X1/4 x LDPE.17x1/4	**Sampling Event:** September 2015
Installed Well Depth (ft): 77.50	**WQ Meter Model and ID:** U52/X80UKHAC	**Project Number:** F205
Screen Interval (ft): 66.7-76.7	**Minimum Initial Purge Volume (mL):** 917	**Client Name:** Montrose / demaximis
Depth to LNAPL (ft): N/A	**Control Box Settings**	**Client Project Number:**
Depth to Water (ft): 58.84'	**CPM:** 4 **R:** 10 **D:** 5 **PSI:** 60	**Sampled By:** C Johnson
Pump Set Depth (ft): 71.7	**Weather Conditions:** Clear, Hot	

Time (hh:mm)	Depth to Water (ft)	Flow Rate (mL/min)	Total Volume Purged (mL)	Temp. (deg C)	Cond. (mS/cm)	pH	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Observations
1125	58.84	160	—	—	—	—	—	—	—	Clear, Odor
1140	58.84	↓	1800	24.16	5.49	6.61	1.9	1.59	45	↓
1145	58.84	↓	2400	24.00	5.51	6.60	2.2	1.49	47	↓
1150	58.84	↓	3000	23.91	5.51	6.60	1.9	1.42	49	↓
1155	58.84	↓	3600	23.87	5.52	6.62	2.1	1.38	49	↓
1200	58.84	↓	4200	23.87	5.53	6.61	2.2	1.36	50	↓

Sample Type	Quantity/Container Type	Preservative	Analysis	Sample Time	Sample Indentification
Primary	~~3~~ VOAs (40 ml); 1, 125 ml poly	HCL; 4°C	VOCs (8260B); pCBSA (EPA 314 Modified)	1205	MW-02-20150928~~30~~

Notes: Duplicate (3 VOAs + 125ml); MS/MSD (5 VOAs + 125ml)

1205 MW-0200-20150928~~30~~

JHA Environmental

GROUNDWATER SAMPLING FORM

Well ID #: MW-04	**Purging Method:** Low-Flow	**Site:** Montrose Chemical Superfund
Well Diameter (in): 4"	**Pump Model and ID:** MP-50-1616	**Date:** 9-28-15
Measurement Point: TOC - North Side	**Tubing Type and Diameter:** TLPE.17X1/4 x LDPE.17x1/4	**Sampling Event:** September 2015
Installed Well Depth (ft): 75.30	**WQ Meter Model and ID:** U52/X80VKHAC	**Project Number:** F205
Screen Interval (ft): 64.9-74.9	**Minimum Initial Purge Volume (mL):** ~~4725~~ 945	**Client Name:** Montrose / demaximis
Depth to LNAPL (ft): N/A	**Control Box Settings**	**Client Project Number:**
Depth to Water (ft): 56.79	**CPM:** 4 **R:** 10 **D:** 5 **PSI:** 65	**Sampled By:** C Johnson
Pump Set Depth (ft): 69.5	**Weather Conditions:** Patchy Clouds, Hot	

Time (hh:mm)	Depth to Water (ft)	Flow Rate (mL/min)	Total Volume Purged (mL)	Temp. (deg C)	Cond. (mS/cm)	pH	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Observations
1055	56.79	200	—	—	—	—	—	—	—	Clear
1105	56.79	↓	2000	24.02	1.68	6.86	0.0	2.46	148	↓
1110	56.79	↓	3000	23.57	1.70	6.82	0.0	1.65	~~14~~6	↓
1115	56.79	↓	4000	23.26	1.70	6.86	0.0	1.29	143	↓
1120	56.79	↓	5000	23.21	1.70	6.87	0.0	1.19	142	↓
1125	56.79	↓	6000	23.19	1.70	6.87	0.0	1.15	142	↓

Sample Type	Quantity/Container Type	Preservative	Analysis	Sample Time	Sample Indentification
Primary	3, VOAs (40 ml); 1, 125 ml poly	HCL; 4°C	VOCs (8260B); pCBSA (EPA 314 Modified)	1130	MW-04-20150928

Notes: Transducer in well, removed for purging

JHA Environmental

Duplicate

GROUNDWATER SAMPLING FORM

MW-05	**Purging Method:** Low-Flow	**Site:** Montrose Chemical Superfund
Well Diameter (in): ~~MW-05~~ 4"	**Pump Model and ID:** MP-50-1616	**Date:** 9-28-15
Measurement Point: TOC - North Side	**Tubing Type and Diameter:** TLPE.17X1/4 x LDPE.17x1/4	**Sampling Event:** September 2015
Installed Well Depth (ft): 72.40	**WQ Meter Model and ID:** U52/X80UKHAC	**Project Number:** F205
Screen Interval (ft): 61.5-72.5	**Minimum Initial Purge Volume (mL):** 900	**Client Name:** Montrose / demaximis
Depth to LNAPL (ft): N/A	**Control Box Settings**	**Client Project Number:**
Depth to Water (ft): 56.84	**CPM:** 4 **R:** 10 **D:** 5 **PSI:** 45	**Sampled By:** C Johnson
Pump Set Depth (ft): 67'	**Weather Conditions:** Patchy Clouds, Hot	

Time (hh:mm)	Depth to Water (ft)	Flow Rate (mL/min)	Total Volume Purged (mL)	Temp. (deg C)	Cond. (mS/cm)	pH	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Observations
1205	56.84	200	—	—	—	—	—	—	—	Clear
1215	56.84	↓	2000	24.59	2.41	6.90	0.0	0.97	1	↓
1220	56.84	↓	3000	23.79	2.53	6.91	0.0	0.80	34	↓
1225	56.84	↓	4000	23.65	2.54	6.92	0.0	0.75	53	↓
1230	56.84	↓	5000	23.53	2.54	6.93	0.0	0.72	65	↓
1235	56.84	↓	6000	23.51	2.54	6.94	0.0	0.69	68	↓
1240	56.84	↓	7000	23.49	2.54	6.95	0.0	0.68	71	↓

Sample Type	Quantity/Container Type	Preservative	Analysis	Sample Time	Sample Indentification
Primary	~~3~~ VOAs (40 ml); 1, 125 ml poly	HCL; 4°C	VOCs (8260B); pCBSA (EPA 314 Modified)	1245	MW-5-20150928

Notes: Duplicate (3 VOAs + 125ml poly) HCL 4°C MS/MSD (5 VOAs + 3, 125 ml poly) HCL

VOCs (8260B) pCBSA (EPA 314 Modified) 1245

MW-500-20150928 MW-5-20150928

JHA Environmental

GROUNDWATER SAMPLING FORM

Well ID #: MW-06	**Purging Method:** Low-Flow	**Site:** Montrose Chemical Superfund
Well Diameter (in): 4"	**Pump Model and ID:** MP50-1616	**Date:** 10-2-15
Measurement Point: TOC - North Side	**Tubing Type and Diameter:** TLPE.17X1/4 x LDPE.17x1/4	**Sampling Event:** September 2015
Installed Well Depth (ft): 85'	**WQ Meter Model and ID:** U52/X600UKHAC	**Project Number:** F205
Screen Interval (ft): ~~85.00~~ 65-80	**Minimum Initial Purge Volume (mL):** 900	**Client Name:** Montrose / demaximis
Depth to LNAPL (ft): ~~65-80~~ N/A	**Control Box Settings**	**Client Project Number:**
Depth to Water (ft): 55.58'	**CPM:** 4 **R:** 10 **D:** 5 **PSI:** 70	**Sampled By:** C Johnson
Pump Set Depth (ft): ~~66.5~~ 70'	**Weather Conditions:** Clear, Hot	

Time (hh:mm)	Depth to Water (ft)	Flow Rate (mL/min)	Total Volume Purged (mL)	Temp. (deg C)	Cond. (mS/cm)	pH	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Observations
1010	55.58	200	–	–	–	–	–	–	–	Clear
1025	55.75	↓	3000	23.38	14.1	6.70	33.6	2.39	73	↓
1030	55.75	↓	4000	23.02	14.1	6.70	28.8	1.80	84	↓
1035	55.75	↓	5000	22.90	14.1	6.71	26.1	1.57	89	↓
1040	55.75	↓	6000	22.87	14.1	6.71	20.8	1.54	91	↓
1045	55.75	↓	7000	22.86	14.2	6.70	19.9	1.52	92	↓
1050	55.75	↓	8000	22.85	14.2	6.70	19.1	1.50	93	↓

Sample Type	Quantity/Container Type	Preservative	Analysis	Sample Time	Sample Indentification
Primary	3, VOAs (40 ml); 1, 125 ml poly	HCL; 4°C	VOCs (8260B); pCBSA (EPA 314 Modiified)	~~1050~~ 1055	MW-6-20151002

Notes:

JHA Environmental

GROUNDWATER SAMPLING FORM

Well ID #: MW-09	**Purging Method:** Low-Flow	**Site:** Montrose Chemical Superfund
Well Diameter (in): 4"	**Pump Model and ID:** QED - MP-50	**Date:** 9/29/15
Measurement Point: TOC - North Side	**Tubing Type and Diameter:** TLPE.17X1/4 x LDPE.17x1/4	**Sampling Event:** September 2015
Installed Well Depth (ft): 85.00	**WQ Meter Model and ID:** SOLINST	**Project Number:** F205
Screen Interval (ft): 66-81	**Minimum Initial Purge Volume (mL):** 900	**Client Name:** Montrose / demaximis
Depth to LNAPL (ft): N/A	**Control Box Settings**	**Client Project Number:**
Depth to Water (ft): 60.48	**CPM:** 4 **R:** 10 **D:** 5 **PSI:** 65	**Sampled By:** LW
Pump Set Depth (ft): 73.5	**Weather Conditions:**	

Time (hh:mm)	Depth to Water (ft)	Flow Rate (mL/min)	Total Volume Purged (mL)	Temp. (deg C)	Cond. (mS/cm)	pH	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Observations
800	60.59	200	2000	20.52	2.30	6.90	22.6	2.54	103	CLEAR
805	60.59	100	2500	20.62	2.47	6.82	20.6	1.10	1.2	CLEAR
810	60.59	100	3000	20.63	2.48	6.41	20.4	1.09	1.0	CLEAR
815	60.59	100	3500	20.63	2.48	6.40	20.1	1.09	1.0	CLEAR
820	60.59	100	4000	20.63	2.49	6.40	20.1	1.09	1.0	CLEAR

Sample Type	Quantity/Container Type	Preservative	Analysis	Sample Time	Sample Indentification
Primary	3, VOAs (40 ml); 1, 125 ml poly	HCL; 4°C	VOCs (8260B); pCBSA (EPA 314 Modified)	825	MW-09-20150929

Notes: PURGED 2000 ML LITER BEFORE TAKING READINGS

JHA Environmental

GROUNDWATER SAMPLING FORM

Well ID #: MW-10	**Purging Method:** Low-Flow	**Site: Montrose Chemical Superfund**
Well Diameter (in): 4"	**Pump Model and ID:** QED Bladder Pump	**Date:** 9/28/15
Measurement Point: TOC - North Side	**Tubing Type and Diameter:** TLPE.17X1/4 x LDPE.17x1/4	**Sampling Event:** September 2015
Installed Well Depth (ft): 83.00	**WQ Meter Model and ID:** YSI ProPlus + Flocell	**Project Number:** F205
Screen Interval (ft): 62-77	**Minimum Initial Purge Volume (mL):** 1000	**Client Name:** Montrose / demaximis
Depth to LNAPL (ft): NA	**Control Box Settings**	**Client Project Number:**
Depth to Water (ft): 53.77 JJ	**CPM:** 4 **R:** 10 **D:** 5 **PSI:**	**Sampled By:** Eric Morse
Pump Set Depth (ft): 69.5'	**Weather Conditions:** Clear breeze 92°F	

Time (hh:mm)	Depth to Water (ft)	Flow Rate (mL/min)	Total Volume Purged (mL)	Temp. (deg C)	Cond. (mS/cm)	pH	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Observations
1435	53.42	200	1000	25.7	2264	6.79	6.13	1.68	57.5	filled 1 system volume
1440	53.42	200	2000	25.3	2274	6.88	5.42	0.74	44.3	
1445	53.42	200	3000	25.2	2270	6.89	2.51	0.71	43.4	
1450	53.42	200	4000	25.1	2272	6.89	2.19	0.67	42.9	
1455	53.42	200	5000	25.0	2273	6.89	2.14	0.64	42.3	
1500	53.42	200	6000	25.0	2270	6.89	2.18	0.63	41.9	

Sample Type	Quantity/Container Type	Preservative	Analysis	Sample Time	Sample Indentification
Primary	3, VOAs (40 ml); 1, 125 ml poly	HCL; 4°C	VOCs (8260B); pCBSA (EPA 314 Modified)	1500	MW-10-20150928

Notes: Pulled dedicated pump prior to purge & sample. needs new 4" cap. Bladder Left out of well.

JHA Environmental

GROUNDWATER SAMPLING FORM

Well ID #: MW-11	**Purging Method:** Low-Flow	**Site:** Montrose Chemical Superfund
Well Diameter (in): 4"	**Pump Model and ID:** QED Bladder Pump	**Date:** 9/29/15
Measurement Point: TOC - North Side	**Tubing Type and Diameter:** TLPE.17X1/4 x LDPE.17x1/4	**Sampling Event:** September 2015
Installed Well Depth (ft): 84.00	**WQ Meter Model and ID:** YSI ProPlus	**Project Number:** F205
Screen Interval (ft): 62-77	**Minimum Initial Purge Volume (mL):**	**Client Name:** Montrose / demaximis
Depth to LNAPL (ft): NA	**Control Box Settings**	**Client Project Number:**
Depth to Water (ft): 52.81	**CPM:** 4 **R:** 10 **D:** 5 **PSI:** 50	**Sampled By:** Eric Morse
Pump Set Depth (ft): 69.5	**Weather Conditions:** Clear	

Time (hh:mm)	Depth to Water (ft)	Flow Rate (mL/min)	Total Volume Purged (mL)	Temp. (deg C)	Cond. (mS/cm)	pH	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Observations
0745	52.96	200	1000	22.6	2408	6.68	4.20	1.82	202.8	removed 1 system volume
0750	53.00	200	2000	22.7	2441	6.68	3.51	1.73	197.8	
0755	53.00	200	3000	22.8	2449	6.69	4.15	1.75	195.4	
0800	53.00	200	4000	22.9	2452	6.68	4.10	1.76	193.1	
0805	53.00	200	5000	22.9	2455	6.68	4.04	1.75	191.3	

Sample Type	Quantity/Container Type	Preservative	Analysis	Sample Time	Sample Indentification
Primary	3, VOAs (40 ml); 1, 125 ml poly	HCL; 4°C	VOCs (8260B); pCBSA (EPA 314 Modified)	0805	MW-11-20150929

Notes:

JHA Environmental

GROUNDWATER SAMPLING FORM

Well ID #: MW-11	**Purging Method:** Low-Flow	**Site:** Montrose Chemical Superfund
Well Diameter (in): 4"	**Pump Model and ID:** QED Bladder Pump	**Date:** 9/29/15
Measurement Point: TOC - North Side	**Tubing Type and Diameter:** TLPE.17X1/4 x LDPE.17x1/4	**Sampling Event:** September 2015
Installed Well Depth (ft): 84.00	**WQ Meter Model and ID:** YSI ProPlus	**Project Number:** F205
Screen Interval (ft): 62-77	**Minimum Initial Purge Volume (mL):**	**Client Name:** Montrose / demaximis
Depth to LNAPL (ft): NA	**Control Box Settings**	**Client Project Number:**
Depth to Water (ft): 52.81	**CPM:** 4 **R:** 10 **D:** 5 **PSI:** 50	**Sampled By:** Eric Morse
Pump Set Depth (ft): 69.5	**Weather Conditions:** Clear	

Time (hh:mm)	Depth to Water (ft)	Flow Rate (mL/min)	Total Volume Purged (mL)	Temp. (deg C)	Cond. (mS/cm)	pH	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Observations
0745	52.96	200	1000	22.6	2408	6.68	4.20	1.82	202.8	removed 1 system volume
0750	53.00	200	2000	22.7	2441	6.68	3.51	1.73	197.8	
0755	53.00	200	3000	22.8	2449	6.69	4.15	1.75	195.4	
0800	53.00	200	4000	22.9	2452	6.68	4.10	1.76	193.1	
0805	53.00	200	5000	22.9	2455	6.68	4.04	1.75	191.3	

Sample Type	Quantity/Container Type	Preservative	Analysis	Sample Time	Sample Indentification
Primary	3, VOAs (40 ml); 1, 125 ml poly	HCL; 4°C	VOCs (8260B); pCBSA (EPA 314 Modified)	0805	MW-11-20150929

Notes:

JHA Environmental

GROUNDWATER SAMPLING FORM

Well ID #: MW-12	**Purging Method:** Low-Flow	**Site: Montrose Chemical Superfund**
Well Diameter (in): 4	**Pump Model and ID:** QED Bladder	**Date:** 9-28-15
Measurement Point: TOC - North Side	**Tubing Type and Diameter: TLPE.17X1/4 x LDPE.17x1/4**	**Sampling Event: September 2015**
Installed Well Depth (ft): 85.00	**WQ Meter Model and ID:** YSI Pro Plus Flow Cell	**Project Number: F205**
Screen Interval (ft): 61-76	**Minimum Initial Purge Volume (mL):** 1006	**Client Name: Montrose / demaximis**
Depth to LNAPL (ft): NA	**Control Box Settings**	**Client Project Number:**
Depth to Water (ft): 50.28	**CPM:** **R:** **D:** **PSI:** 50	**Sampled By:** Eric Nolmberg
Pump Set Depth (ft): 68.5	**Weather Conditions:**	

Time (hh:mm)	Depth to Water (ft)	Flow Rate (mL/min)	Total Volume Purged (mL)	Temp. (deg C)	Cond. (mS/cm)	pH	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Observations
1334	50.29	200	1000	23.8	1487	6.52	11.9	0.60	-99.1	
1339	50.28	↓	2000	23.8	1491	6.47	10.2	0.64	-97.3	
1344	50.28		3000	23.7	1490	6.48	10.1	0.67	-98.0	
1349	50.28		4000	23.6	1490	6.49	9.2	0.75	-99.6	
1354	50.28		5000	23.6	1489	6.52	8.7	0.80	-103.1	

Sample Type	Quantity/Container Type	Preservative	Analysis	Sample Time	Sample Indentification
Primary	3, VOAs (40 ml); 1, 125 ml poly	HCL; 4°C	VOCs (8260B); pCBSA (EPA 314 Modified)	1355	MW-12-20150929

Notes:

JHA Environmental

GROUNDWATER SAMPLING FORM

Well ID #: MW-13	**Purging Method:** Low-Flow	**Site:** Montrose Chemical Superfund
Well Diameter (in): 4"	**Pump Model and ID:** MP50-1616	**Date:** 10-2-15
Measurement Point: TOC - North Side	**Tubing Type and Diameter:** TLPE.17X1/4 x LDPE.17x1/4	**Sampling Event:** September 2015
Installed Well Depth (ft): 81.00	**WQ Meter Model and ID:** U52/X80UKHAC	**Project Number:** F205
Screen Interval (ft): 62-77	**Minimum Initial Purge Volume (mL):** 850	**Client Name:** Montrose / demaximis
Depth to LNAPL (ft): N/A	**Control Box Settings**	**Client Project Number:**
Depth to Water (ft): 52.58	**CPM:** 4 **R:** 10 **D:** 5 **PSI:** 50	**Sampled By:** C Johnson
Pump Set Depth (ft): 65	**Weather Conditions:** Clear, Hot	

Time (hh:mm)	Depth to Water (ft)	Flow Rate (mL/min)	Total Volume Purged (mL)	Temp. (deg C)	Cond. (mS/cm)	pH	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Observations
1125	52.58	200	—	—	—	—	—	—	—	Clear, Odor
1135	52.61	↓	2000	21.60	2.59	6.94	0.0	2.25	-135	↓
1140	52.61		3000	21.44	2.59	6.94	0.0	1.69	-136	
1145	52.61		4000	21.41	2.59	6.94	0.0	1.40	-140	
1150	52.61		5000	21.39	2.59	6.93	0.0	1.38	-139	
1155	52.61	↓	6000	21.37	2.59	6.92	0.0	1.36	-138	↓

Sample Type	Quantity/Container Type	Preservative	Analysis	Sample Time	Sample Indentification
Primary	3, VOAs (40 ml); 1, 125 ml poly	HCL; 4°C	VOCs (8260B); pCBSA (EPA 314 Modified)	1200	MW-13-20151002

Notes:

JHA Environmental

GROUNDWATER SAMPLING FORM

Well ID #: MW-16	**Purging Method:** Low-Flow	**Site:** Montrose Chemical Superfund
Well Diameter (in): 4"	**Pump Model and ID:** MP50-1616	**Date:** 10-2-15
Measurement Point: TOC - North Side	**Tubing Type and Diameter:** TLPE.17X1/4 x LDPE.17x1/4	**Sampling Event:** September 2015
Installed Well Depth (ft): 78.00	**WQ Meter Model and ID:** U52/X80UKHAC	**Project Number:** F205
Screen Interval (ft): 59-76	**Minimum Initial Purge Volume (mL):** ~~900~~ 865	**Client Name:** Montrose / demaximis
Depth to LNAPL (ft): N/A	**Control Box Settings**	**Client Project Number:**
Depth to Water (ft): 51.30'	**CPM:** 4 **R:** 10 **D:** 5 **PSI:** 70	**Sampled By:** C Johnson
Pump Set Depth (ft): ~~70'~~ 66.5'	**Weather Conditions:** Clear, Hot	

Time (hh:mm)	Depth to Water (ft)	Flow Rate (mL/min)	Total Volume Purged (mL)	Temp. (deg C)	Cond. (mS/cm)	pH	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Observations
0825	51.30	200	–	–	–	–	–	–	–	Black, Turbid, Odor
0840	51.41		3000	22.36	2.78	7.32	343	0.84	-240	
0845	51.41		4000	22.37	2.78	7.33	300	0.84	-241	
0850	51.41		5000	22.42	2.78	7.34	305	0.82	-243	
0855	51.41		6000	22.43	2.77	7.35	220	0.81	-244	
0900	51.41		7000	22.45	2.78	7.35	210	0.81	-246	
0905	51.41	↓	8000	22.44	2.78	7.34	198	0.80	-245	↓

Sample Type	Quantity/Container Type	Preservative	Analysis	Sample Time	Sample Indentification
Primary	3, VOAs (40 ml); 1, 125 ml poly	HCL; 4°C	VOCs (8260B); pCBSA (EPA 314 Modiified)	0910	MW-16-20151002

Notes:

JHA Environmental

GROUNDWATER SAMPLING FORM

Well ID #: MW-19	**Purging Method:** Low-Flow	**Site:** Montrose Chemical Superfund
Well Diameter (in): 4" 2"	**Pump Model and ID:** MP-50	**Date:** 9/29/15
Measurement Point: TOC - North Side	**Tubing Type and Diameter:** TLPE.17X1/4 x LDPE.17x1/4	**Sampling Event:** September 2015
Installed Well Depth (ft): 80.00	**WQ Meter Model and ID:** SOLINST	**Project Number:** F205
Screen Interval (ft): 63-79	**Minimum Initial Purge Volume (mL):**	**Client Name:** Montrose / demaximis
Depth to LNAPL (ft): N/A	**Control Box Settings**	**Client Project Number:** N/A
Depth to Water (ft): ~~57.48~~ 57.48	**CPM:** 4 **R:** 10 **D:** 5 **PSI:** 60	**Sampled By:** CW
Pump Set Depth (ft): 71	**Weather Conditions:**	

Time (hh:mm)	Depth to Water (ft)	Flow Rate (mL/min)	Total Volume Purged (mL)	Temp. (deg C)	Cond. (mS/cm)	pH	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Observations
940	57.55	200	2000	20.92	3.15	6.92	627	1.50	55	RUST COLOR
945	57.55	1000	2500	23.04	1.66	7.16	521	2.40	126	RUST COLOR
950	57.55	100	3000	23.04	1.66	7.20	325	2.42	157	RUST COLOR
955	57.55	100	3500	23.04	1.67	7.21	320	2.44	157	RUST COLOR
1000	57.55	100	4000	23.03	1.64	7.23	321	2.43	158	RUST COLOR

Sample Type	Quantity/Container Type	Preservative	Analysis	Sample Time	Sample Indentification
Primary	3, VOAs (40 ml); 1, 125 ml poly	HCL; 4°C	VOCs (8260B); pCBSA (EPA 314 Modified)	1005	MW-19-20150929

Notes: PURGED 2 LITERS BEFORE TAKING READINGS

JHA Environmental

GROUNDWATER SAMPLING FORM

Well ID #: MW-22	**Purging Method:** Low-Flow	**Site:** Montrose Chemical Superfund
Well Diameter (in): 4	**Pump Model and ID:** QED Bladder Pump	**Date:** 9/30/15
Measurement Point: TOC - North Side	**Tubing Type and Diameter:** TLPE.17X1/4 x LDPE.17x1/4	**Sampling Event:** September 2015
Installed Well Depth (ft): 74.00	**WQ Meter Model and ID:** YSI Pro Plus & Flocell	**Project Number:** F205
Screen Interval (ft): 57-73	**Minimum Initial Purge Volume (mL):** 1,200	**Client Name:** Montrose / demaximis
Depth to LNAPL (ft): NA	**Control Box Settings**	**Client Project Number:**
Depth to Water (ft): 52.05	**CPM:** 4 **R:** 10 **D:** 5 **PSI:** 45	**Sampled By:** Eric Morse
Pump Set Depth (ft): 65	**Weather Conditions:** Clear 86°F	

Time (hh:mm)	Depth to Water (ft)	Flow Rate (mL/min)	Total Volume Purged (mL)	Temp. (deg C)	Cond. (mS/cm)	pH	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Observations
1250	52.10	200	1000	31.0	2205	6.31	>1000	1.34	4.3	Removed system volume
1255	52.10	200	2000	27.3	2216	6.37	>1000	0.94	-16.8	dark red flakes.
1300	52.08	200	3000	27.2	2209	6.38	>1000	0.83	-19.0	
1305	52.08	200	4000	27.3	2203	6.40	>1000	0.70	-22.2	
1310	52.08	200	5000	27.4	2184	6.43	>1000	0.59	-26.3	
1315	52.08	200	6000	27.4	2179	6.43	>1000	0.55	-29.4	
1320	52.08	200	7000	27.4	2131	6.47	>1000	0.60	-34.3	
1325	52.08	200	800	27.3	2096	6.50	>1000	0.63	-35.4	

Sample Type	Quantity/Container Type	Preservative	Analysis	Sample Time	Sample Indentification
Primary	3, VOAs (40 ml); 1, 125 ml poly	HCL; 4°C	VOCs (8260B); pCBSA (EPA 314 Modified)	1325	MW-22-20150930

Notes: 1/2 15/16" bolts missing ½ bent

JHA Environmental

GROUNDWATER SAMPLING FORM

Well ID #: MW-23	**Purging Method:** Low-Flow	**Site:** Montrose Chemical Superfund
Well Diameter (in): 4	**Pump Model and ID:** QED Bladder Pump	**Date:** 9/28/15
Measurement Point: TOC - North Side	**Tubing Type and Diameter:** TLPE.17X1/4 x LDPE.17x1/4	**Sampling Event:** September 2015
Installed Well Depth (ft): 80	**WQ Meter Model and ID:** YSI ProPlus Flowcell	**Project Number:** F205
Screen Interval (ft): 60-75	**Minimum Initial Purge Volume (mL):** 1000	**Client Name:** Montrose / demaximis
Depth to LNAPL (ft): NA	**Control Box Settings**	**Client Project Number:**
Depth to Water (ft): ~47.40	**CPM:** 4 **R:** 10 **D:** 5 **PSI:** 40	**Sampled By:** Eric Horst
Pump Set Depth (ft): 67.5	**Weather Conditions:** clear breezy,	

Time (hh:mm)	Depth to Water (ft)	Flow Rate (mL/min)	Total Volume Purged (mL)	Temp. (deg C)	Cond. (mS/cm)	pH	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Observations
1325	47.60	200	1000	24.1	2837	6.66	>1000	4.92	50.4	rust colored
1330	47.78	200	2000	24.7	2933	6.70	>1000	4.00	47.1	reduced flow rate to attempt recharge
1335	47.85	100	2500	26.7	2914	6.76	526	3.37	42.9	
1340	47.92	200	3500	25.5	2936	6.77	226	3.42	42.6	
1345	47.95	200	4300	25.5	2946	6.75	40.2	3.23	42.3	
1350	47.99	200	5500	25.4	2956	6.75	38.2	3.34	42.1	
1355	47.99	200	6500	25.5	2946	6.75	36.5	3.19	42.4	
1400	47.99	200	7500	25.4	2940	6.75	35.6	3.28	42.1	

Sample Type	Quantity/Container Type	Preservative	Analysis	Sample Time	Sample Indentification
Primary	3, VOAs (40 ml); 1, 125 ml poly	HCL; 4°C	VOCs (8260B); pCBSA (EPA 314 Modified)	1400	MW-23-20150928

Notes:

JHA Environmental

GROUNDWATER SAMPLING FORM

Well ID #: MW-24	**Purging Method:** Low-Flow	**Site:** Montrose Chemical Superfund
Well Diameter (in): 4	**Pump Model and ID:** QED Bladder	**Date:** 9-28-15
Measurement Point: TOC - North Side	**Tubing Type and Diameter:** TLPE.17X1/4 x LDPE.17x1/4	**Sampling Event:** September 2015
Installed Well Depth (ft): 68.0	**WQ Meter Model and ID:** YSI Pro plus flow cell	**Project Number:** F205
Screen Interval (ft): 49-64	**Minimum Initial Purge Volume (mL):** 1200	**Client Name:** Montrose / demaximis
Depth to LNAPL (ft): NA	**Control Box Settings**	**Client Project Number:**
Depth to Water (ft): 32.90	**CPM:** R: D: PSI:	**Sampled By:** Eric Nolmberg
Pump Set Depth (ft): @ 56.5	**Weather Conditions:**	

Time (hh:mm)	Depth to Water (ft)	Flow Rate (mL/min)	Total Volume Purged (mL)	Temp. (deg C)	Cond. (mS/cm)	pH	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Observations
1018	33.06	200	1200	23.6	4818	6.67	5.04	1.17	101.5	1 system Vol removed
1023	33.10		1400	23.7	4815	6.66	4.73	1.15	95.3	
1028	33.10		1600	23.6	4816	6.66	4.91	1.14	91.8	
1033	33.10		1800	23.5	4825	6.66	4.09	1.13	88.7	
1038	33.10		2000	23.5	4820	6.66	4.24	1.12	88.3	

Sample Type	Quantity/Container Type	Preservative	Analysis	Sample Time	Sample Indentification
Primary	3, VOAs (40 ml); 1, 125 ml poly	HCL; 4°C	VOCs (8260B); pCBSA (EPA 314 Modified)	1040	MW-24-20150928

Notes:

JHA Environmental

GROUNDWATER SAMPLING FORM

Well ID #: MW-25	**Purging Method:** Low-Flow	**Site: Montrose Chemical Superfund**
Well Diameter (in): 4"	**Pump Model and ID:** MP-50-1616	**Date:** 10-7-15
Measurement Point: TOC - North Side	**Tubing Type and Diameter:** TLPE.17X1/4 x LDPE.17x1/4	**Sampling Event:** September 2015
Installed Well Depth (ft): 75	**WQ Meter Model and ID:** U52/xSOUKHAC	**Project Number:** F205
Screen Interval (ft): 56-71	**Minimum Initial Purge Volume (mL):**	**Client Name:** Montrose / demaximis
Depth to LNAPL (ft): N/A	**Control Box Settings**	**Client Project Number:**
Depth to Water (ft): 43.18'	**CPM:** 4 **R:** 10 **D:** 5 **PSI:** 55	**Sampled By:** C Johnson
Pump Set Depth (ft): pump in well	**Weather Conditions:** Clear, Hot	

Time (hh:mm)	Depth to Water (ft)	Flow Rate (mL/min)	Total Volume Purged (mL)	Temp. (deg C)	Cond. (mS/cm)	pH	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Observations
1215	43.18	200	—	—	—	—	—	—	—	Clear
1230	43.20	↓	3000	22.27	2.27	7.20	0.0	3.44	-6	↓
1235	43.20		4000	22.18	2.27	7.16	0.0	1.79	-16	
1240	43.20		5000	21.88	2.26	7.19	0.0	1.22	-33	
1245	43.20		6000	21.87	2.26	7.19	0.0	1.19	-36	
1250	43.20	↓	7000	21.85	2.26	7.19	0.0	1.17	-37	↓

Sample Type	Quantity/Container Type	Preservative	Analysis	Sample Time	Sample Indentification
Primary	3, VOAs (40 ml); 1, 125 ml poly	HCL; 4°C	VOCs (8260B); pCBSA (EPA 314 Modified)	1255	MW-25-20151007

Notes:

JHA Environmental

GROUNDWATER SAMPLING FORM

Well ID #: MW-26	**Purging Method:** Low-Flow	**Site: Montrose Chemical Superfund**
Well Diameter (in): 4	**Pump Model and ID:** QED Bladder	**Date:** 9-28-15
Measurement Point: TOC - North Side	**Tubing Type and Diameter: TLPE.17X1/4 x LDPE.17x1/4**	**Sampling Event: September 2015**
Installed Well Depth (ft): 80.00	**WQ Meter Model and ID:** YSI ProPlus Flow Cell	**Project Number: F205**
Screen Interval (ft): 59-74	**Minimum Initial Purge Volume (mL):** 1000	**Client Name: Montrose / demaximis**
Depth to LNAPL (ft): NA	**Control Box Settings**	**Client Project Number:**
Depth to Water (ft): 49.22	**CPM:** **R:** **D:** **PSI:** 56	**Sampled By:** Eric Volmberg
Pump Set Depth (ft): 66.5	**Weather Conditions:** Clear / Hot	

Time (hh:mm)	Depth to Water (ft)	Flow Rate (mL/min)	Total Volume Purged (mL)	Temp. (deg C)	Cond. (mS/cm)	pH	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Observations
1107	49.23	200	1200	24.3	2863	6.64	9.87	1.25	37.1	1 system Vol. removed
~~1112~~ 1112	49.23	"	2200	23.7	2919	6.59	9.21	0.92	48.3	
1117	49.23	"	3200	23.6	2920	6.56	9.35	1.03	53.0	
1122	49.23	"	4200	23.7	2924	6.54	8.63	1.12	55.6	
1127	49.23	"	5200	23.6	2927	6.54	8.23	1.18	58.9	

Sample Type	Quantity/Container Type	Preservative	Analysis	Sample Time	Sample Indentification
Primary	3, VOAs (40 ml); 1, 125 ml poly	HCL; 4°C	VOCs (8260B); pCBSA (EPA 314 Modified)	1130	MW-26-20150928

Notes:

JHA Environmental

GROUNDWATER SAMPLING FORM

Well ID #: MW-30	**Purging Method:** Low-Flow	**Site:** Montrose Chemical Superfund
Well Diameter (in): 4"	**Pump Model and ID:** MP-50-1616	**Date:** 9-28-15
Measurement Point: TOC - North Side	**Tubing Type and Diameter:** TLPE.17X1/4 x LDPE.17x1/4	**Sampling Event:** September 2015
Installed Well Depth (ft): 80.00	**WQ Meter Model and ID:**	**Project Number:** F205
Screen Interval (ft): 54-70	**Minimum Initial Purge Volume (mL):** 870	**Client Name:** Montrose / demaximis
Depth to LNAPL (ft): N/A	**Control Box Settings**	**Client Project Number:**
Depth to Water (ft): 47.58'	**CPM:** 4 **R:** 10 **D:** 5 **PSI:** 38	**Sampled By:** C Johnson
Pump Set Depth (ft): 62'	**Weather Conditions:** Clear, Hot	

Time (hh:mm)	Depth to Water (ft)	Flow Rate (mL/min)	Total Volume Purged (mL)	Temp. (deg C)	Cond. (mS/cm)	pH	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Observations
1320	47.58	100	—	—	—	—	—	—	—	Slightly Cloudy
1340	47.60	↓	2000	23.94	2.65	6.88	36.5	1.84	62	Clear
1345	47.65	↓	2500	23.91	2.65	6.88	30.2	1.77	63	↓
1350	47.65	↓	3000	23.92	2.65	6.89	18.5	1.63	63	↓
1355	47.65	↓	3500	23.92	2.66	6.89	12.9	1.58	65	↓
1400	47.65	↓	4000	23.93	2.66	6.90	11.0	1.55	66	↓

Sample Type	Quantity/Container Type	Preservative	Analysis	Sample Time	Sample Indentification
Primary	3, VOAs (40 ml); 1, 125 ml poly	HCL; 4°C	VOCs (8260B); pCBSA (EPA 314 Modified)	1405	MW-30-20150928

Notes:

JHA Environmental

GROUNDWATER SAMPLING FORM

Well ID #: BF-02	**Purging Method:** Low-Flow	**Site:** Montrose Chemical Superfund
Well Diameter (in): 4	**Pump Model and ID:** MP50-1617	**Date:** 9-30-15
Measurement Point: TOC - North Side	**Tubing Type and Diameter:** TLPE.17X1/4 x LDPE.17x1/4	**Sampling Event:** September 2015
Installed Well Depth (ft): 128.00	**WQ Meter Model and ID:** U52/X80UKHHAC	**Project Number:** F205
Screen Interval (ft): 114-124.5	**Minimum Initial Purge Volume (mL):** 1390	**Client Name:** Montrose / demaximis
Depth to LNAPL (ft): N/A	**Control Box Settings**	**Client Project Number:**
Depth to Water (ft): 59.52'	**CPM:** 4 **R:** 10 **D:** 5 **PSI:** 80	**Sampled By:** C. Johnson
Pump Set Depth (ft): 119'	**Weather Conditions:** Patchy Clouds, Hot	

Time (hh:mm)	Depth to Water (ft)	Flow Rate (mL/min)	Total Volume Purged (mL)	Temp. (deg C)	Cond. (mS/cm)	pH	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Observations
0840	59.52	200	—	—	—	—	—	—	—	clear, strong odor
0850	59.56	↓	2000	22.12	2.03	7.16	0.5	4.30	-221	↓
0855	59.56		3000	22.08	2.04	7.16	0.3	3.75	-230	
0900	59.56		4000	22.07	2.05	7.16	0.0	2.96	-227	
0905	59.56		5000	22.08	2.05	7.16	0.0	2.90	-228	
0910	59.56	↓	6000	22.09	2.05	7.14	0.0	2.87	-229	↓

Sample Type	Quantity/Container Type	Preservative	Analysis	Sample Time	Sample Indentification
Primary	3, VOAs (40 ml); 1, 125 ml poly	HCL; 4°C	VOCs (8260B); pCBSA (EPA 314 Modified)	0915	BF-02-20150930

Notes:

JHA Environmental

GROUNDWATER SAMPLING FORM

Well ID #: BF-03	**Purging Method:** Low-Flow	**Site:** Montrose Chemical Superfund
Well Diameter (in): 4"	**Pump Model and ID:** MP-50-1617	**Date:** 9-30-15
Measurement Point: TOC - North Side	**Tubing Type and Diameter:** TLPE.17X1/4 x LDPE.17x1/4	**Sampling Event:** September 2015
Installed Well Depth (ft): 125.5	**WQ Meter Model and ID:** US2/X80UKHAC	**Project Number:** F205
Screen Interval (ft): 113.5-124	**Minimum Initial Purge Volume (mL):** ~~700~~ 1389	**Client Name:** Montrose / demaximis
Depth to LNAPL (ft): N/A	**Control Box Settings**	**Client Project Number:**
Depth to Water (ft): 58.51'	**CPM:** 4 **R:** 10 **D:** 5 **PSI:** 80	**Sampled By:** C Johnson
Pump Set Depth (ft): 118.9	**Weather Conditions:** Clear, Hot	

Time (hh:mm)	Depth to Water (ft)	Flow Rate (mL/min)	Total Volume Purged (mL)	Temp. (deg C)	Cond. (mS/cm)	pH	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Observations
1305	58.51	—	—	—	—	—	—	—	—	very low flow stopped pump inspected then restarted
1325	58.51	160	—	—	—	—	—	—	—	
1345	58.51		2400	24.83	0.953	7.48	51.5	4.09	49	Clear
1350	58.51		3000	24.67	0.946	7.56	46	3.10	41	
1355	58.51		3600	24.73	0.949	7.54	43.9	2.67	34	
1400	58.51		4200	24.74	0.948	7.56	39.6	2.61	28	
1405	58.51	↓	4800	24.72	0.948	7.57	36.6	2.58	26	↓

Sample Type	Quantity/Container Type	Preservative	Analysis	Sample Time	Sample Indentification
Primary	3, VOAs (40 ml); 1, 125 ml poly	HCL; 4°C	VOCs (8260B); pCBSA (EPA 314 Modified)	1410	BF-03-20150930

Notes:

JHA Environmental

GROUNDWATER SAMPLING FORM

Well ID #: BF-04	**Purging Method:** Low-Flow	**Site:** Montrose Chemical Superfund
Well Diameter (in): 4"	**Pump Model and ID:** MP50-16/16	**Date:** 10-1-15
Measurement Point: TOC - North Side	**Tubing Type and Diameter:** TLPE.17X1/4 x LDPE.17x1/4	**Sampling Event:** September 2015
Installed Well Depth (ft): 124.50	**WQ Meter Model and ID:** U52/X80UKnHAC	**Project Number:** F205
Screen Interval (ft): 112-123	**Minimum Initial Purge Volume (mL):** 1375	**Client Name:** Montrose / demaximis
Depth to LNAPL (ft): N/A	**Control Box Settings**	**Client Project Number:**
Depth to Water (ft): 57.77'	**CPM:** 4 **R:** 10 **D:** 5 **PSI:** 90	**Sampled By:** C Johnson
Pump Set Depth (ft): 117.5	**Weather Conditions:**	

Time (hh:mm)	Depth to Water (ft)	Flow Rate (mL/min)	Total Volume Purged (mL)	Temp. (deg C)	Cond. (mS/cm)	pH	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Observations
1220	57.77	120	—	—	—	—	—	—	—	Clear
1240	57.77	↓	2400	25.49	1.05	7.57	84.7	4.42	40	↓
1245	57.77		3000	25.28	1.07	7.50	96.3	2.77	29	
1250	57.77		3600	25.26	1.08	7.47	96.5	2.08	21	
1255	57.77		4200	25.28	1.08	7.46	98.1	1.99	19	
1300	57.77	↓	4800	25.25	1.09	7.45	100.1	1.95	17	

Sample Type	Quantity/Container Type	Preservative	Analysis	Sample Time	Sample Indentification
Primary	3, VOAs (40 ml); 1, 125 ml poly	HCL; 4°C	VOCs (8260B); pCBSA (EPA 314 Modified)	1305	BF-04-20151001

Notes:

JHA Environmental

GROUNDWATER SAMPLING FORM

Well ID #: BF-04	**Purging Method:** Low-Flow	**Site:** Montrose Chemical Superfund
Well Diameter (in): 4"	**Pump Model and ID:** MP50-16/16	**Date:** 10-1-15
Measurement Point: TOC - North Side	**Tubing Type and Diameter:** TLPE.17X1/4 x LDPE.17x1/4	**Sampling Event:** September 2015
Installed Well Depth (ft): 124.50	**WQ Meter Model and ID:** U52/X80UKnHAC	**Project Number:** F205
Screen Interval (ft): 112-123	**Minimum Initial Purge Volume (mL):** 1375	**Client Name:** Montrose / demaximis
Depth to LNAPL (ft): N/A	**Control Box Settings**	**Client Project Number:**
Depth to Water (ft): 57.77'	**CPM:** 4 **R:** 10 **D:** 5 **PSI:** 90	**Sampled By:** C Johnson
Pump Set Depth (ft): 117.5	**Weather Conditions:**	

Time (hh:mm)	Depth to Water (ft)	Flow Rate (mL/min)	Total Volume Purged (mL)	Temp. (deg C)	Cond. (mS/cm)	pH	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Observations
1220	57.77	120	—	—	—	—	—	—	—	Clear
1240	57.77	↓	2400	25.49	1.05	7.57	84.7	4.42	40	↓
1245	57.77		3000	25.28	1.07	7.50	96.3	2.77	29	
1250	57.77		3600	25.26	1.08	7.47	96.5	2.08	21	
1255	57.77		4200	25.28	1.08	7.46	98.1	1.99	19	
1300	57.77	↓	4800	25.25	1.09	7.45	100.1	1.95	17	

Sample Type	Quantity/Container Type	Preservative	Analysis	Sample Time	Sample Indentification
Primary	3, VOAs (40 ml); 1, 125 ml poly	HCL; 4°C	VOCs (8260B); pCBSA (EPA 314 Modified)	1305	BF-04-20151001

Notes:

JHA Environmental

GROUNDWATER SAMPLING FORM

Well ID #: BF-05	**Purging Method:** Low-Flow	**Site:** Montrose Chemical Superfund
Well Diameter (in): 4	**Pump Model and ID:** QED Bladder	**Date:** 9-28-15
Measurement Point: TOC - North Side	**Tubing Type and Diameter:** TLPE.17X1/4 x LDPE.17x1/4	**Sampling Event:** September 2015
Installed Well Depth (ft): 135.00	**WQ Meter Model and ID:** YSI Pro Series Flow Cell	**Project Number:** F205
Screen Interval (ft): 122-132	**Minimum Initial Purge Volume (mL):** 1000	**Client Name:** Montrose / demaximis
Depth to LNAPL (ft): NA	**Control Box Settings**	**Client Project Number:**
Depth to Water (ft): 49.48	**CPM:** **R:** **D:** **PSI:** 125	**Sampled By:** Eric Nolmberg
Pump Set Depth (ft): 127	**Weather Conditions:**	

Time (hh:mm)	Depth to Water (ft)	Flow Rate (mL/min)	Total Volume Purged (mL)	Temp. (deg C)	Cond. (mS/cm)	pH	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Observations
1411	49.48	200	1000	23.7	522	7.51	5.72	1.58	-7.8	
1416	49.48	↑	2000	23.3	521	7.40	5.60	2.56	3.9	
1421	49.48		3000	23.3	521	7.38	4.99	3.80	11.4	
1426	49.48		4000	23.2	521	7.35	4.86	3.97	20.7	
1431	49.48		5000	23.2	521	7.33	4.71	4.51	27.9	
1436	49.48		6000	23.2	521	7.33	4.55	4.65	33.2	
1441	49.58	↓	7000	23.2	521	7.32	4.01	4.72	35.8	

Sample Type	Quantity/Container Type	Preservative	Analysis	Sample Time	Sample Indentification
Primary	3, VOAs (40 ml); 1, 125 ml poly	HCL; 4°C	VOCs (8260B); pCBSA (EPA 314 Modified)	1445	BF-05-20150928

Notes:

JHA Environmental

GROUNDWATER SAMPLING FORM

Well ID #: BF-09	**Purging Method:** Low-Flow	**Site:** Montrose Chemical Superfund
Well Diameter (in): 6"	**Pump Model and ID:** MP50-1617	**Date:** 9-30-15
Measurement Point: TOC - North Side	**Tubing Type and Diameter:** TLPE.17X1/4 x LDPE.17x1/4	**Sampling Event:** September 2015
Installed Well Depth (ft):	**WQ Meter Model and ID:** U52IX80UKHAC	**Project Number:** F205
Screen Interval (ft): 107-128	**Minimum Initial Purge Volume (mL):** 1345	**Client Name:** Montrose / demaximis
Depth to LNAPL (ft): N/A	**Control Box Settings**	**Client Project Number:**
Depth to Water (ft): 58.95	**CPM:** 4 **R:** 10 **D:** 5 **PSI:** 75	**Sampled By:** C Johnson
Pump Set Depth (ft): 114.5	**Weather Conditions:** Clear, Hot	

Time (hh:mm)	Depth to Water (ft)	Flow Rate (mL/min)	Total Volume Purged (mL)	Temp. (deg C)	Cond. (mS/cm)	pH	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Observations
1005	58.95	200		—	—	—	—	—	—	Clear, Odor
1015	58.95		2000	22.83	3.87	7.55	1.3	6.00	-207	
1020	58.95		3000	23.00	3.87	7.57	2.4	5.32	-211	
1025	58.95		4000	22.90	3.88	7.52	1.5	4.43	-218	
1030	58.95		5000	22.51	3.86	7.56	0.3	3.33	-234	
1035	58.95		6000	22.44	3.85	7.55	0.0	2.70	-240	
1040	58.95		7000	22.43	3.85	7.53	0.0	2.63	-244	
1045	58.95		8000	22.44	3.85	7.52	0.0	2.59	-245	

Sample Type	Quantity/Container Type	Preservative	Analysis	Sample Time	Sample Indentification
Primary	3, VOAs (40 ml); 1, 125 ml poly	HCL; 4°C	VOCs (8260B); pCBSA (EPA 314 Modified)	1050	BF-09-20150930

Notes:

JHA Environmental

GROUNDWATER SAMPLING FORM

Well ID #: BF-10	**Purging Method:** Low-Flow	**Site:** Montrose Chemical Superfund
Well Diameter (in): 4	**Pump Model and ID:** QED Bladder Pump	**Date:** 9/29/15
Measurement Point: TOC - North Side	**Tubing Type and Diameter:** TLPE.17X1/4 x LDPE.17x1/4	**Sampling Event:** September 2015
Installed Well Depth (ft): 131.00	**WQ Meter Model and ID:** YSI ProPlus Flocell	**Project Number:** F205
Screen Interval (ft): 120-130	**Minimum Initial Purge Volume (mL):** 1000	**Client Name:** Montrose / demaximis
Depth to LNAPL (ft): N/A	**Control Box Settings**	**Client Project Number:**
Depth to Water (ft): 40.24	**CPM:** 4 **R:** 10 **D:** 5 **PSI:** 78	**Sampled By:** Eric Morse
Pump Set Depth (ft): 125	**Weather Conditions:** Clear	

Time (hh:mm)	Depth to Water (ft)	Flow Rate (mL/min)	Total Volume Purged (mL)	Temp. (deg C)	Cond. (mS/cm)	pH	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Observations
845	40.30	200	1000	22.3	866	6.99	7.72	1.61	39.7	
850	40.30	200	2000	22.3	916	7.15	6.49	1.28	22.6	
855	40.30	200	3000	22.2	926	7.23	7.08	0.96	0.2	
900	40.30	200	4000	22.0	932	7.25	7.35	0.89	-4.3	
905	40.30	200	5000	22.0	933	7.26	8.88	0.71	-11.2	
910	40.30	200	6000	22.0	934	7.31	6.42	0.61	-19.7	
915	40.30	200	7000	22.0	934	7.33	5.81	0.60	-22.0	
920	40.30	200	8000	22.0	936	7.33	5.87	0.56	-25.3	

Sample Type	Quantity/Container Type	Preservative	Analysis	Sample Time	Sample Indentification
Primary	3, VOAs (40 ml); 1, 125 ml poly	HCL; 4°C	VOCs (8260B); pCBSA (EPA 314 Modified)	920	BF-10-20150929

Notes: Bladder broken upon removal.

JHA Environmental

GROUNDWATER SAMPLING FORM

Well ID #: BF-11	**Purging Method:** Low-Flow	**Site:** Montrose Chemical Superfund
Well Diameter (in): 4"	**Pump Model and ID:** MP50-1616	**Date:** 10-7-15
Measurement Point: TOC - North Side	**Tubing Type and Diameter:** TLPE.17X1/4 x LDPE.17x1/4	**Sampling Event:** September 2015
Installed Well Depth (ft): 124	**WQ Meter Model and ID:** U52-X80UKHAC	**Project Number:** F205
Screen Interval (ft): 104-124	**Minimum Initial Purge Volume (mL):** 1340	**Client Name:** Montrose / demaximis
Depth to LNAPL (ft): N/A	**Control Box Settings**	**Client Project Number:**
Depth to Water (ft): 45.62'	**CPM:** 4 **R:** 10 **D:** 5 **PSI:** 80	**Sampled By:** C Johnson
Pump Set Depth (ft): Pump in well	**Weather Conditions:** Clear, warm	

Time (hh:mm)	Depth to Water (ft)	Flow Rate (mL/min)	Total Volume Purged (mL)	Temp. (deg C)	Cond. (mS/cm)	pH	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Observations
0950	45.62	200	—	—	—	—	—	—	—	Clear
1005	45.64		3000	22.36	0.232	7.10	0.0	1.70	-138	
1010	45.64		4000	22.22	0.229	7.06	0.0	1.29	-137	
1015	45.64		5000	21.74	0.228	7.11	0.0	1.11	-145	
1020	45.64		6000	21.25	0.229	7.11	0.0	1.01	-148	
1025	45.64		7000	21.23	0.229	7.12	0.0	1.00	-151	
1030	45.64		8000	22.22	0.229	7.13	0.0	0.98	-152	

Sample Type	Quantity/Container Type	Preservative	Analysis	Sample Time	Sample Indentification
Primary	3, VOAs (40 ml); 1, 125 ml poly	HCL; 4°C	VOCs (8260B); pCBSA (EPA 314 Modified)	1035	BF-11-20151007

Notes:

JHA Environmental

Duplicate

GROUNDWATER SAMPLING FORM

Well ID #: BF-12	**Purging Method:** Low-Flow	**Site:** Montrose Chemical Superfund
Well Diameter (in): 4	**Pump Model and ID:** QED Bladder	**Date:** 9-29-15
Measurement Point: TOC - North Side	**Tubing Type and Diameter:** TLPE.17X1/4 x LDPE.17x1/4	**Sampling Event:** September 2015
Installed Well Depth (ft): 120	**WQ Meter Model and ID:** YSI Pro Series Flow Cell	**Project Number:** F205
Screen Interval (ft): 110-120	**Minimum Initial Purge Volume (mL):** 825	**Client Name:** Montrose / demaximis
Depth to LNAPL (ft): NA	**Control Box Settings**	**Client Project Number:**
Depth to Water (ft): 34.20	**CPM:** 4 **R:** 9 **D:** 6 **PSI:** 75	**Sampled By:** Eric Nolmberg
Pump Set Depth (ft): 115	**Weather Conditions:** Clear	

Time (hh:mm)	Depth to Water (ft)	Flow Rate (mL/min)	Total Volume Purged (mL)	Temp. (deg C)	Cond. (mS/cm)	pH	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Observations
1444	34.20	200	1000	23.3	1089	6.75	14.3	1.01	35.5	removed 1 syst vol.
1449	34.20	"	2000	23.2	1094	6.74	13.0	0.94	31.0	
1454	34.20	"	3000	23.1	1101	6.75	10.2	0.77	31.5	
1459	34.20	"	4000	23.0	1107	6.76	9.88	0.72	28.5	
1504	34.20	"	5000	23.0	1101	6.76	9.70	0.71	27.5	

Sample Type	Quantity/Container Type	Preservative	Analysis	Sample Time	Sample Indentification
Primary	3, VOAs (40 ml); 1, 125 ml poly	HCL; 4°C	VOCs (8260B); pCBSA (EPA 314 Modified)	1505	BF-12-20150929

Notes:

JHA Environmental

GROUNDWATER SAMPLING FORM

Well ID #: BF-14	**Purging Method:** Low-Flow	**Site:** Montrose Chemical Superfund
Well Diameter (in): 4	**Pump Model and ID:** QED Bladder Pump	**Date:** 9/28/15
Measurement Point: TOC - North Side	**Tubing Type and Diameter:** TLPE.17X1/4 x LDPE.17x1/4	**Sampling Event:** September 2015
Installed Well Depth (ft): 122	**WQ Meter Model and ID:** YSI ProPlus Flowcell	**Project Number:** F205
Screen Interval (ft): 111-121	**Minimum Initial Purge Volume (mL):** 1000	**Client Name:** Montrose / demaximis
Depth to LNAPL (ft): —	**Control Box Settings**	**Client Project Number:**
Depth to Water (ft): 47.31	**CPM:** R: D: PSI:	**Sampled By:** Eric Morse
Pump Set Depth (ft): 116	**Weather Conditions:** Clear 91°F	

Time (hh:mm)	Depth to Water (ft)	Flow Rate (mL/min)	Total Volume Purged (mL)	Temp. (deg C)	Cond. (mS/cm)	pH	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Observations
1230	47.33	150	1000	24.5	1798	6.78	6.60	1.64	34.3	1 system volume removed
1235	47.31	150	1750	24.3	1845	6.83	6.55	0.99	29.3	
1240	47.31	150	2500	24.2	1856	6.87	6.62	0.78	27.0	
1245	47.31	150	3250	24.1	1860	6.88	5.37	0.70	25.3	
1250	47.31	150	4000	24.0	1860	6.90	5.86	0.61	23.7	
1255	47.31	150	4750	24.1	1860	6.91	5.54	0.57	22.4	
1300	47.31	150	5500	24.1	1862	6.92	5.49	0.56	22.1	

Sample Type	Quantity/Container Type	Preservative	Analysis	Sample Time	Sample Indentification
Primary	3, VOAs (40 ml); 1, 125 ml poly	HCL; 4°C	VOCs (8260B); pCBSA (EPA 314 Modiified)	1300	BF-14-20150928

Notes:

JHA Environmental

GROUNDWATER SAMPLING FORM

Well ID #: BF-15	**Purging Method:** Low-Flow	**Site:** Montrose Chemical Superfund
Well Diameter (in): 4"	**Pump Model and ID:** QED Bladder	**Date:** 9/28/15
Measurement Point: TOC - North Side	**Tubing Type and Diameter:** TLPE.17X1/4 x LDPE.17x1/4	**Sampling Event:** September 2015
Installed Well Depth (ft): 114	**WQ Meter Model and ID:** YSI Flocell ProPlus	**Project Number:** F205
Screen Interval (ft): ~~111-121~~ 98-113	**Minimum Initial Purge Volume (mL):**	**Client Name:** Montrose / demaximis
Depth to LNAPL (ft): N/A	**Control Box Settings**	**Client Project Number:**
Depth to Water (ft): 34.24	**CPM:** R: D: PSI:	**Sampled By:** Eric Morse
Pump Set Depth (ft): 105.5	**Weather Conditions:** clear & 78° F.	

Time (hh:mm)	Depth to Water (ft)	Flow Rate (mL/min)	Total Volume Purged (mL)	Temp. (deg C)	Cond. (mS/cm)	pH	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Observations
918	34.75	200	1000	23.0	2257	6.41	5.10	1.92	39.3	1 system volume removed
921	34.60	100	1300	23.1	2324	6.47	2.75	1.13	38.4	reduced flow rate to 100mL/min
924	34.51	100	1600	23.0	2343	6.52	3.54	1.03	34.7	
927	34.25	100	1900	22.9	2344	6.54	3.09	0.96	32.9	
930	34.24	100	2200	23.0	2341	6.55	2.49	0.94	31.3	
933	34.24	100	2500	23.1	2342	6.57	2.47	0.93	30.2	

Sample Type	Quantity/Container Type	Preservative	Analysis	Sample Time	Sample Indentification
Primary	3, VOAs (40 ml); 1, 125 ml poly	HCL; 4°C	VOCs (8260B); pCBSA (EPA 314 Modified)	935	BF-15-20150928

Notes:

JHA Environmental

GROUNDWATER SAMPLING FORM

Well ID #: BF-16	**Purging Method:** Low-Flow	**Site:** Montrose Chemical Superfund
Well Diameter (in): 4	**Pump Model and ID:** QED Bladder Pump	**Date:** 9/29/15
Measurement Point: TOC - North Side	**Tubing Type and Diameter:** TLPE.17X1/4 x LDPE.17x1/4	**Sampling Event:** September 2015
Installed Well Depth (ft): 130	**WQ Meter Model and ID:** YSI Flocell Pro Plus	**Project Number:** F205
Screen Interval (ft): 103-124	**Minimum Initial Purge Volume (mL):** 700	**Client Name:** Montrose / demaximis
Depth to LNAPL (ft): NA	**Control Box Settings**	**Client Project Number:**
Depth to Water (ft): 47.00	**CPM:** 4 **R:** 9 **D:** 6 **PSI:** 90	**Sampled By:** Eric Morse
Pump Set Depth (ft): 113.5	**Weather Conditions:** Clear 85°F	

Time (hh:mm)	Depth to Water (ft)	Flow Rate (mL/min)	Total Volume Purged (mL)	Temp. (deg C)	Cond. (mS/cm)	pH	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Observations
1247	47.00	200	1000	23.5	1265	7.22	7.77	1.50	23.1	1 sample volume removed
1252	47.00	200	2000	22.9	1355	7.19	7.05	0.99	22.4	
1257	47.00	200	3000	22.8	1371	7.21	5.91	0.78	19.9	
1302	47.00	200	4000	22.7	1323	7.23	5.44	0.70	18.3	
1307	47.00	200	5000	22.7	1371	7.24	7.79	0.65	17.0	
1312	47.00	200	6000	22.7	1368	7.27	6.29	0.58	14.9	
1317	47.00	200	7000	22.7	1365	7.28	7.55	0.54	13.7	
1322	47.00	200	8000	22.7	1365	7.29	6.94	0.53	13.1	
1327	47.00	200	9000	22.7	1366	7.29	6.15	0.50	12.9	

Sample Type	Quantity/Container Type	Preservative	Analysis	Sample Time	Sample Indentification
Primary	3, VOAs (40 ml); 1, 125 ml poly	HCL; 4°C	VOCs (8260B); pCBSA (EPA 314 Modified)	1327	BF-16-20150929

Notes:

JHA Environmental

GROUNDWATER SAMPLING FORM

Well ID #: BF-17	**Purging Method:** Low-Flow	**Site:** Montrose Chemical Superfund
Well Diameter (in): 4"	**Pump Model and ID:** MP50-1446	**Date:** 10-7-15
Measurement Point: TOC - North Side	**Tubing Type and Diameter:** TLPE.17X1/4 x LDPE.17x1/4	**Sampling Event:** September 2015
Installed Well Depth (ft): 124	**WQ Meter Model and ID:** U52-X80UKHAC	**Project Number:** F205
Screen Interval (ft): 100-120	**Minimum Initial Purge Volume (mL):** 700 1300	**Client Name:** Montrose / demaximis
Depth to LNAPL (ft): N/A	**Control Box Settings**	**Client Project Number:**
Depth to Water (ft): 34.85'	**CPM:** 4 **R:** 10 **D:** 5 **PSI:** 70	**Sampled By:** C Johnson
Pump Set Depth (ft): Pump in well	**Weather Conditions:** Clear	

Time (hh:mm)	Depth to Water (ft)	Flow Rate (mL/min)	Total Volume Purged (mL)	Temp. (deg C)	Cond. (mS/cm)	pH	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Observations
0900	34.85	200	—	—	—	—	—	—	—	Clear
0905	34.87	↓	3000	21.36	1.30	7.35	0.0	2.39	-128	↓
0920	34.87		4000	21.25	1.29	7.32	0.0	1.70	-129	
0925	34.87		5000	21.21	1.29	7.32	0.0	1.34	-129	
0930	34.87		6000	21.20	1.30	7.33	0.0	1.31	-130	
0935	34.87	↓	7000	21.20	1.30	7.33	0.0	1.29	-130	↓

Sample Type	Quantity/Container Type	Preservative	Analysis	Sample Time	Sample Indentification
Primary	3, VOAs (40 ml); 1, 125 ml poly	HCL; 4°C	VOCs (8260B); pCBSA (EPA 314 Modified)	0940	BF-17-20151007

Notes:

JHA Environmental

GROUNDWATER SAMPLING FORM

Well ID #: BF-19	**Purging Method:** Low-Flow	**Site:** Montrose Chemical Superfund
Well Diameter (in): ~~2~~ 4"	**Pump Model and ID:** MP50-16116	**Date:** 10-1-15
Measurement Point: TOC - North Side	**Tubing Type and Diameter:** TLPE.17X1/4 x LDPE.17x1/4	**Sampling Event:** September 2015
Installed Well Depth (ft): 135	**WQ Meter Model and ID:** U52/X80WKHAC	**Project Number:** F205
Screen Interval (ft): 128-133	**Minimum Initial Purge Volume (mL):** 1500	**Client Name:** Montrose / demaximis
Depth to LNAPL (ft): N/A	**Control Box Settings**	**Client Project Number:**
Depth to Water (ft): 50.65	**CPM:** 4 **R:** 10 **D:** 5 **PSI:** 110	**Sampled By:** C Johnson
Pump Set Depth (ft): 130'	**Weather Conditions:** Patchy Clouds, Hot	

Time (hh:mm)	Depth to Water (ft)	Flow Rate (mL/min)	Total Volume Purged (mL)	Temp. (deg C)	Cond. (mS/cm)	pH	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Observations
0820	50.65	200	—	—	—	—	—	—	—	Clear
0835	50.71	↓	3000	21.49	0.481	7.26	38.5	3.48	-110	↓
0840	50.71		4000	21.53	0.461	7.30	29.4	2.62	-121	
0845	50.71		5000	21.54	0.448	7.41	23.7	2.08	-125	
0850	50.71		6000	21.53	0.442	7.40	22.1	1.93	-124	
0855	50.71	↓	7000	21.52	0.439	7.39	21.3	1.89	-125	↓

Sample Type	Quantity/Container Type	Preservative	Analysis	Sample Time	Sample Indentification
Primary	3, VOAs (40 ml); 1, 125 ml poly	HCL; 4°C	VOCs (8260B); pCBSA (EPA 314 Modiified)	0900	BF-19-20151001

Notes:

JHA Environmental

GROUNDWATER SAMPLING FORM

Well ID #: BF-21	**Purging Method:** Low-Flow	**Site:** Montrose Chemical Superfund
Well Diameter (in): 4	**Pump Model and ID:** QED Bladder Pump	**Date:** 9/29/15
Measurement Point: TOC - North Side	**Tubing Type and Diameter:** TLPE.17X1/4 x LDPE.17x1/4	**Sampling Event:** September 2015
Installed Well Depth (ft): 123	**WQ Meter Model and ID:** YSI ProPlus Flocell	**Project Number:** F205
Screen Interval (ft): 96-121	**Minimum Initial Purge Volume (mL):** 1000	**Client Name:** Montrose / demaximis
Depth to LNAPL (ft): NA	**Control Box Settings**	**Client Project Number:**
Depth to Water (ft): 50.44	**CPM:** 2 **R:** 18 **D:** 12 **PSI:** 70	**Sampled By:** E. Morse
Pump Set Depth (ft): 100.5'	**Weather Conditions:** Clear 88°	

Time (hh:mm)	Depth to Water (ft)	Flow Rate (mL/min)	Total Volume Purged (mL)	Temp. (deg C)	Cond. (mS/cm)	pH	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Observations
1448	50.53	200	1000	23.4	1199	7.11	2.85	1.02	-14.4	1 system Volume removed
1453	50.56	200	2000	23.4	1209	7.20	3.29	0.94	-4.4	
1458	50.56	200	3000	23.2	1207	7.13	3.00	0.63	-1.0	
1503	50.56	200	4000	23.3	1211	7.14	2.96	0.58	-1.2	
1508	50.56	200	5000	23.2	1214	7.15	3.03	0.55	-1.4	
1513	50.56	200	6000	23.2	1211	7.15	3.00	0.53	-2.0	

Sample Type	Quantity/Container Type	Preservative	Analysis	Sample Time	Sample Indentification
Primary	3, VOAs (40 ml); 1, 125 ml poly	HCL; 4°C	VOCs (8260B); pCBSA (EPA 314 Modified)	1515	BF-21-20150929

Notes:

JHA Environmental

GROUNDWATER SAMPLING FORM

Well ID #: BF-22	**Purging Method:** Low-Flow	**Site:** Montrose Chemical Superfund
Well Diameter (in): 4	**Pump Model and ID:** QED Bladder Pump	**Date:** 9/29/15
Measurement Point: TOC - North Side	**Tubing Type and Diameter:** TLPE.17X1/4 x LDPE.17x1/4	**Sampling Event:** September 2015
Installed Well Depth (ft): 120	**WQ Meter Model and ID:** YSI ProPlus Flowell	**Project Number:** F205
Screen Interval (ft): 87-117	**Minimum Initial Purge Volume (mL):** 1000	**Client Name:** Montrose / demaximis
Depth to LNAPL (ft): NA	**Control Box Settings**	**Client Project Number:**
Depth to Water (ft): 45.92	**CPM:** 4 **R:** 9 **D:** 6 **PSI:**	**Sampled By:** Eric Moser
Pump Set Depth (ft): 102'	**Weather Conditions:** Clear 86°F	

Time (hh:mm)	Depth to Water (ft)	Flow Rate (mL/min)	Total Volume Purged (mL)	Temp. (deg C)	Cond. (mS/cm)	pH	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Observations
1207	45.95	200	1000	26.4	838	7.89	3.05	1.84	-39.6	
1212	45.93	200	2000	23.9	863	7.72	2.48	0.98	-18.0	
1217	45.93	200	3000	23.4	863	7.75	2.68	0.70	-15.0	
1222	45.93	200	4000	23.5	862	7.78	2.77	0.60	-15.2	
1227	45.93	200	5000	23.5	862	7.81	2.63	0.57	-16.1	
1230	45.93	200	6000	23.5	862	7.83	2.57	0.55	-18.4	

Sample Type	Quantity/Container Type	Preservative	Analysis	Sample Time	Sample Indentification
Primary	3, VOAs (40 ml); 1, 125 ml poly	HCL; 4°C	VOCs (8260B); pCBSA (EPA 314 Modified)	1230	BF-22-20150929

Notes:

JHA Environmental

Pump in well.

GROUNDWATER SAMPLING FORM

Well ID #: BF-23	**Purging Method:** Low-Flow	**Site:** Montrose Chemical Superfund
Well Diameter (in): 4"	**Pump Model and ID:** MP50-1616	**Date:** 10-7-15
Measurement Point: TOC - North Side	**Tubing Type and Diameter:** TLPE.17X1/4 x LDPE.17x1/4	**Sampling Event:** September 2015
Installed Well Depth (ft): 122	**WQ Meter Model and ID:** VS2-X80UKHAC	**Project Number:** F205
Screen Interval (ft): 101-116	**Minimum Initial Purge Volume (mL):** 1285	**Client Name:** Montrose / demaximis
Depth to LNAPL (ft): N/A	**Control Box Settings**	**Client Project Number:**
Depth to Water (ft): 36.95'	**CPM:** 4 **R:** 10 **D:** S **PSI:** 80	**Sampled By:** C Johnson
Pump Set Depth (ft): Pump in Well	**Weather Conditions:** Clear, Hot	

Time (hh:mm)	Depth to Water (ft)	Flow Rate (mL/min)	Total Volume Purged (mL)	Temp. (deg C)	Cond. (mS/cm)	pH	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Observations
1055	36.95'	100	—	—	—	—	—	—	—	Clear
1115	36.96	↓	2000	22.81	0.580	7.45	0.0	1.46	-127	↓
1120	36.96		2500	22.72	0.593	7.60	0.0	1.17	-143	
1125	36.96		3000	22.75	0.616	7.59	0.0	1.01	-140	
1130	36.96		3500	22.52	0.642	7.49	0.0	0.94	-138	
1135	36.96		4000	22.51	0.648	7.48	0.0	0.92	-137	
1140	36.96	↓	4500	22.49	0.650	7.47	0.0	0.92	-136	↓

Sample Type	Quantity/Container Type	Preservative	Analysis	Sample Time	Sample Indentification
Primary	3, VOAs (40 ml); 1, 125 ml poly	HCL; 4°C	VOCs (8260B); pCBSA (EPA 314 Modified)	1145	BF-23-20151007

Notes: Pump in well.

JHA Environmental

GROUNDWATER SAMPLING FORM

Well ID #: BF-24	**Purging Method:** Low-Flow	**Site:** Montrose Chemical Superfund
Well Diameter (in): ~~2~~ 4	**Pump Model and ID:** QED Bladder	**Date:** 9-29-15
Measurement Point: TOC - North Side	**Tubing Type and Diameter:** TLPE.17X1/4 x LDPE.17x1/4	**Sampling Event:** September 2015
Installed Well Depth (ft): 115	**WQ Meter Model and ID:** YSI Pro Series Flow Cell	**Project Number:** F205
Screen Interval (ft): 96-121	**Minimum Initial Purge Volume (mL):** 792	**Client Name:** Montrose / demaximis
Depth to LNAPL (ft): NA	**Control Box Settings**	**Client Project Number:**
Depth to Water (ft): 42.52	**CPM:** 4 **R:** 9 **D:** 6 **PSI:** 75	**Sampled By:** Eric Kolmberg
Pump Set Depth (ft): 108.5	**Weather Conditions:** Clear	

Time (hh:mm)	Depth to Water (ft)	Flow Rate (mL/min)	Total Volume Purged (mL)	Temp. (deg C)	Cond. (mS/cm)	pH	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Observations
1133	42.52	200	1000	22.8	1501	7.52	3.50	0.75	-205.9	1 system Vol. removed
1138	42.52		2000	22.6	1520	7.38	3.61	0.55	-204.3	
1143	42.52		3000	22.5	1538	7.34	3.17	0.47	-206.2	
1148	42.52		4000	22.6	1544	7.32	3.24	0.45	-207.1	
1153	42.52		5000	22.5	1549	7.31	2.91	0.40	-209.9	

Sample Type	Quantity/Container Type	Preservative	Analysis	Sample Time	Sample Indentification
Primary	3, VOAs (40 ml); 1, 125 ml poly	HCL; 4°C	VOCs (8260B); pCBSA (EPA 314 Modified)	1155	BF-24-20150929

Notes: 1/2 bolts missing 15/16 size bolt

JHA Environmental

GROUNDWATER SAMPLING FORM

Well ID #: BF-25	**Purging Method:** Low-Flow	**Site:** Montrose Chemical Superfund
Well Diameter (in): 4"	**Pump Model and ID:** MP 50 - 16/6	**Date:** 10-7-15
Measurement Point: TOC - North Side	**Tubing Type and Diameter:** TLPE.17X1/4 x LDPE.17x1/4	**Sampling Event:** September 2015
Installed Well Depth (ft): 110	**WQ Meter Model and ID:** U52-X80UKHAC	**Project Number:** F205
Screen Interval (ft): 94-104	**Minimum Initial Purge Volume (mL):** 1190	**Client Name:** Montrose / demaximis
Depth to LNAPL (ft): N/A	**Control Box Settings**	**Client Project Number:**
Depth to Water (ft): 36.21'	**CPM:** 4 **R:** 10 **D:** 5 **PSI:** 110	**Sampled By:** C Johnson
Pump Set Depth (ft): Pump in well	**Weather Conditions:** Clear	

Time (hh:mm)	Depth to Water (ft)	Flow Rate (mL/min)	Total Volume Purged (mL)	Temp. (deg C)	Cond. (mS/cm)	pH	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Observations
0740	34.21	200	—	—	—	—	—	—	—	Clear
0755	36.22	↓	3000	20.90	1.45	7.30	0.0	3.40	-166	↓
0800	36.22	↓	4000	20.92	1.45	7.35	0.0	2.43	-180	↓
0805	36.22	↓	5000	20.93	1.45	7.36	0.0	1.61	-189	↓
0810	36.22	↓	6000	20.91	1.45	7.36	0.0	1.58	-190	↓
0815	34.22	↓	7000	20.90	1.45	7.36	0.0	1.55	-189	↓

Sample Type	Quantity/Container Type	Preservative	Analysis	Sample Time	Sample Indentification
Primary	3, VOAs (40 ml); 1, 125 ml poly	HCL; 4°C	VOCs (8260B); pCBSA (EPA 314 Modified)	0820	BF-25-20151007

Notes:

JHA Environmental

GROUNDWATER SAMPLING FORM

Well ID #: BF-27	**Purging Method:** Low-Flow	**Site:** Montrose Chemical Superfund
Well Diameter (in): 4	**Pump Model and ID:** QED Bladder	**Date:** 9-30-15
Measurement Point: TOC - North Side	**Tubing Type and Diameter:** TLPE.17X1/4 x LDPE.17x1/4	**Sampling Event:** September 2015
Installed Well Depth (ft): 115	**WQ Meter Model and ID:** YSI Pro Series	**Project Number:** F205
Screen Interval (ft): 101-121	**Minimum Initial Purge Volume (mL):** 805	**Client Name:** Montrose / demaximis
Depth to LNAPL (ft): NA	**Control Box Settings**	**Client Project Number:**
Depth to Water (ft): 36.35	**CPM:** 4 **R:** 9 **D:** 6 **PSI:** 80	**Sampled By:** Eric Holmberg
Pump Set Depth (ft): 111	**Weather Conditions:**	

Time (hh:mm)	Depth to Water (ft)	Flow Rate (mL/min)	Total Volume Purged (mL)	Temp. (deg C)	Cond. (mS/cm)	pH	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Observations
944	36.38	200	1000	22.9	1760	7.00	1.27	1.01	43.0	1 system Vol removed
949	36.38	|	2000	22.8	1759	6.98	1.26	0.70	25.8	
954	36.38	|	3000	22.7	1758	6.98	1.13	0.67	22.0	
959	36.38	|	4000	22.7	1756	6.98	1.18	0.62	19.1	
1004	36.38	+	5000	22.8	1758	6.97	1.13	0.61	17.8	

Sample Type	Quantity/Container Type	Preservative	Analysis	Sample Time	Sample Indentification
Primary	3, VOAs (40 ml); 1, 125 ml poly	HCL; 4°C	VOCs (8260B); pCBSA (EPA 314 Modified)	1005	BF-27-20150930

Notes:

JHA Environmental

GROUNDWATER SAMPLING FORM

Well ID #: BF-28	**Purging Method:** Low-Flow	**Site: Montrose Chemical Superfund**
Well Diameter (in): 4	**Pump Model and ID:** QED Bladder	**Date:** 9-30-15
Measurement Point: TOC - North Side	**Tubing Type and Diameter:** TLPE.17X1/4 x LDPE.17x1/4	**Sampling Event:** September 2015
Installed Well Depth (ft): 115	**WQ Meter Model and ID:** YSI Pro Series Flow Cell	**Project Number:** F205
Screen Interval (ft): 92-110	**Minimum Initial Purge Volume (mL):** 755	**Client Name:** Montrose / demaximis
Depth to LNAPL (ft): NA	**Control Box Settings**	**Client Project Number:**
Depth to Water (ft): 46.28	**CPM:** 4 **R:** 9 **D:** 6 **PSI:** 90	**Sampled By:** Eric Nolenberg
Pump Set Depth (ft): 101	**Weather Conditions:**	

Time (hh:mm)	Depth to Water (ft)	Flow Rate (mL/min)	Total Volume Purged (mL)	Temp. (deg C)	Cond. (mS/cm)	pH	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Observations
856	46.28	200	1000	22.1	1858	7.26	3.35	0.98	71.6	1 system vol removed
901	46.28		2000	22.1	1870	7.24	3.09	0.81	66.8	
906	46.28		3000	22.0	1880	7.22	2.76	0.70	62.0	
911	46.28		4000	22.0	1887	7.19	2.80	0.57	57.4	
916	46.28		5000	22.0	1890	7.17	2.66	0.55	55.7	
921	46.25		6000	22.0	1894	7.17	2.52	0.51	54.4	

Sample Type	Quantity/Container Type	Preservative	Analysis	Sample Time	Sample Indentification
Primary	3, VOAs (40 ml); 1, 125 ml poly	HCL; 4°C	VOCs (8260B); pCBSA (EPA 314 Modified)	925	BF-28-20150930

Notes: 3/3 bolts missing
1/3 tabs broken

JHA Environmental

GROUNDWATER SAMPLING FORM

Well ID #: BF-29	**Purging Method:** Low-Flow	**Site:** Montrose Chemical Superfund
Well Diameter (in): 4"	**Pump Model and ID:** QED Bladder Pump	**Date:** 9/30/15
Measurement Point: TOC - North Side	**Tubing Type and Diameter:** TLPE.17X1/4 x LDPE.17x1/4	**Sampling Event:** September 2015
Installed Well Depth (ft): 126	**WQ Meter Model and ID:** YSI ProPlus	**Project Number:** F205
Screen Interval (ft): 100-120	**Minimum Initial Purge Volume (mL):** 1000	**Client Name:** Montrose / demaximis
Depth to LNAPL (ft): N/A	**Control Box Settings**	**Client Project Number:**
Depth to Water (ft): 50.54	**CPM:** 4 **R:** 9 **D:** 6 **PSI:** 75	**Sampled By:** Eric Morsi
Pump Set Depth (ft): 110	**Weather Conditions:** Clear Breezy 86°	

Time (hh:mm)	Depth to Water (ft)	Flow Rate (mL/min)	Total Volume Purged (mL)	Temp. (deg C)	Cond. (mS/cm)	pH	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Observations
1430	50.51	200	1000	23.1	1089	7.43	18.2	2.17	24.2	Rennel System volume.
1435	50.51	200	2000	22.6	1218	7.46	11.0	1.15	12.8	
1440	50.51	200	3000	22.4	1226	7.47	10.0	1.01	8.3	
1445	50.51	200	4000	22.4	1229	7.49	8.44	0.81	0.1	
1450	50.51	200	5000	22.4	1234	7.49	7.20	0.69	-5.7	
H.S 1455	50.51	200	6000	22.3	1240	7.49	5.21	0.57	-15.4	
1500	50.51	200	7000	22.3	1256	7.49	4.65	0.53	-21.4	
1505	50.51	200	8000	22.2	1255	7.49	4.95	0.51	-25.7	
1510	50.51	200	9000	22.3	1255	7.49	5.14	0.49	-29.6	

Sample Type	Quantity/Container Type	Preservative	Analysis	Sample Time	Sample Indentification
Primary	3, VOAs (40 ml); 1, 125 ml poly	HCL; 4°C	VOCs (8260B); pCBSA (EPA 314 Modified)	1510	BF-29-20150930

Notes: See N° of Location Shown on Map. Well below grade, needs to be raised.

JHA Environmental

GROUNDWATER SAMPLING FORM

Well ID #: BF-30	**Purging Method:** Low-Flow	**Site:** Montrose Chemical Superfund
Well Diameter (in): 4	**Pump Model and ID:** QED Bladder Pump	**Date:** 9/29/15
Measurement Point: TOC - North Side	**Tubing Type and Diameter:** TLPE.17X1/4 x LDPE.17x1/4	**Sampling Event:** September 2015
Installed Well Depth (ft): 120	**WQ Meter Model and ID:** YSI	**Project Number:** F205
Screen Interval (ft): 82-113	**Minimum Initial Purge Volume (mL):** 1000	**Client Name:** Montrose / demaximis
Depth to LNAPL (ft): NA -	**Control Box Settings**	**Client Project Number:**
Depth to Water (ft): 36.12	**CPM:** 4 **R:** 9 **D:** 6 **PSI:**	**Sampled By:** Eric Morse
Pump Set Depth (ft): 97.5'	**Weather Conditions:** Clear 85°F	

Time (hh:mm)	Depth to Water (ft)	Flow Rate (mL/min)	Total Volume Purged (mL)	Temp. (deg C)	Cond. (mS/cm)	pH	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Observations
1045	36.20	200	1000	23.5	701	7.46	4.00	1.68	35.9	System volume removed
1050	36.22	200	2000	23.3	711	7.47	3.73	1.07	23.5	
1055	36.20	200	3000	23.2	713	7.50	3.37	0.90	14.5	
1100	36.20	200	4000	23.2	714	7.54	3.10	0.75	3.7	
1105	36.20	200	5000	23.2	714	7.59	3.15	0.65	-6.9	
1110	36.20	200	6000	23.1	714	7.61	3.11	0.57	-15.5	
1115	36.20	200	7000	23.1	714	7.63	2.99	0.52	-23.3	
1120	36.20	200	8000	23.2	714	7.64	2.89	0.50	-26.6	
1125	36.20	200	9000	23.2	714	7.64	2.95	0.48	-28.5	

Sample Type	Quantity/Container Type	Preservative	Analysis	Sample Time	Sample Indentification
Primary	3, VOAs (40 ml); 1, 125 ml poly	HCL; 4°C	VOCs (8260B); pCBSA (EPA 314 Modified)	1125	BF-30-20150929

Notes:

JHA Environmental

GROUNDWATER SAMPLING FORM

Well ID #: BF-31	**Purging Method:** Low-Flow	**Site:** Montrose Chemical Superfund
Well Diameter (in): 4"	**Pump Model and ID:** QED Bladder Pump	**Date:** 9/30/15
Measurement Point: TOC - North Side	**Tubing Type and Diameter:** TLPE.17X1/4 x LDPE.17x1/4	**Sampling Event:** September 2015
Installed Well Depth (ft): 135	**WQ Meter Model and ID:** YSI Pro Plus Flow cell	**Project Number:** F205
Screen Interval (ft): 105-135	**Minimum Initial Purge Volume (mL):** 1000	**Client Name:** Montrose / demaximis
Depth to LNAPL (ft): NA	**Control Box Settings**	**Client Project Number:**
Depth to Water (ft): 48.32	**CPM:** 2 **R:** 20 **D:** 9 **PSI:** 85	**Sampled By:** Erik Nurse
Pump Set Depth (ft): 123'	**Weather Conditions:** Clear 82°	

Time (hh:mm)	Depth to Water (ft)	Flow Rate (mL/min)	Total Volume Purged (mL)	Temp. (deg C)	Cond. (mS/cm)	pH	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Observations
1017	48.38	200	1000	23.1	1278	7.55	4.06	1.21	-110.8	removed 1 system volume
1022	48.38	200	2000	22.8	1322	7.64	3.00	0.64	-183.6	
1027	48.38	200	3000	22.8	1325	7.64	3.20	0.60	-184.9	
1032	48.38	200	4000	22.9	1327	7.64	3.14	0.53	-187.8	
1037	48.38	200	5000	22.7	1331	7.64	2.71	0.48	-189.5	
1042	48.38	200	6000	22.8	1329	7.65	2.29	0.43	-191.7	
1047	48.38	200	7000	22.8	1328	7.65	2.00	0.39	-192.3	
1052	48.38	200	8000	22.8	1332	7.66	1.82	0.34	-191.0	
1057	48.38	200	9000	22.8	1329	7.67	1.77	0.33	-191.5	
1102	48.38	200	10000	22.8	1328	7.67	1.85	0.33	-192.8	

Sample Type	Quantity/Container Type	Preservative	Analysis	Sample Time	Sample Indentification
Primary	3, VOAs (40 ml); 1, 125 ml poly	HCL; 4°C	VOCs (8260B); pCBSA (EPA 314 Modified)	1102	BF-31-20150930

Notes: well box below grade, not securable.

JHA Environmental

GROUNDWATER SAMPLING FORM

Well ID #: BF-32A	**Purging Method:** Low-Flow	**Site:** Montrose Chemical Superfund
Well Diameter (in): 4	**Pump Model and ID:** QED Bladder Pump	**Date:** 9/30/15
Measurement Point: TOC - North Side	**Tubing Type and Diameter:** TLPE.17X1/4 x LDPE.17x1/4	**Sampling Event:** September 2015
Installed Well Depth (ft): 120	**WQ Meter Model and ID:** YSI Pro Plus + Flocell	**Project Number:** F205
Screen Interval (ft): 65-115	**Minimum Initial Purge Volume (mL):** 1000	**Client Name:** Montrose / demaximis
Depth to LNAPL (ft): NA	**Control Box Settings**	**Client Project Number:**
Depth to Water (ft): 60.30	**CPM:** 4 **R:** 9 **D:** 6 **PSI:** 70	**Sampled By:** E. Morse
Pump Set Depth (ft): 90'	**Weather Conditions:** Clear 74°F	

Time (hh:mm)	Depth to Water (ft)	Flow Rate (mL/min)	Total Volume Purged (mL)	Temp. (deg C)	Cond. (mS/cm)	pH	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Observations
735	60.33	200	1000	23.0	2275	6.89	>1000	2.80	163.8	1 system volume removed.
740	60.34	200	2000	23.0	2346	6.90	>1000	2.45	166.4	Very dark, silty orange
745	60.40	200	3000	23.0	2385	6.89	>1000	2.17	168.6	
750	60.41	200	4000	22.2	2388	6.87	>1000	1.85	173.1	less turbid, silty still >1000
755	60.40	200	5000	22.5	2394	6.85	>1000	2.12	172.5	
800	60.40	200	6000	22.6	2395	6.89	>1000	2.08	168.8	
805	60.40	200	7000	22.6	2394	6.89	>1000	2.01	167.3	

Sample Type	Quantity/Container Type	Preservative	Analysis	Sample Time	Sample Indentification
Primary	3, VOAs (40 ml); 1, 125 ml poly	HCL; 4°C	VOCs (8260B); pCBSA (EPA 314 Modified)	805	BF-32A-20150930

Notes: Lid covered by asphalt, no bolts/bolt holes. box should be replaced.

* Map incorrectly displays location, swapped w/G-33. Confirmed measuring total depth of well.

JHA Environmental

GROUNDWATER SAMPLING FORM

Well ID #: BF-33	**Purging Method:** Low-Flow	**Site:** Montrose Chemical Superfund
Well Diameter (in): 4	**Pump Model and ID:** QED Bladder Pump SamplePro	**Date:** 9/30/15
Measurement Point: TOC - North Side	**Tubing Type and Diameter:** TLPE.17X1/4 x LDPE.17x1/4	**Sampling Event:** September 2015
Installed Well Depth (ft): 101	**WQ Meter Model and ID:** YSI Pro Plus flocell	**Project Number:** F205
Screen Interval (ft): 60-100	**Minimum Initial Purge Volume (mL):** 1000	**Client Name:** Montrose / demaximis
Depth to LNAPL (ft): NA	**Control Box Settings**	**Client Project Number:**
Depth to Water (ft): 46.51	**CPM:** 4 **R:** 10 **D:** 5 **PSI:**	**Sampled By:** Eric Morse
Pump Set Depth (ft): 80'	**Weather Conditions:** Clear breezy 85°	

Time (hh:mm)	Depth to Water (ft)	Flow Rate (mL/min)	Total Volume Purged (mL)	Temp. (deg C)	Cond. (mS/cm)	pH	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Observations
1530	46.51	200	1000	25.0	1672	6.61	>1000	1.86	-1.1	1 system volume removed.
1535	46.51	200	2000	25.5	1819	6.70	27.2	1.83	+8.7	
1540	46.51	200	3000	24.1	1900	6.71	24.8	1.03	13.0	
1545	46.51	200	4000	24.1	1904	6.72	20.7	0.93	12.4	
1550	46.51	200	5000	24.0	1912	6.75	18.8	0.85	9.1	
1555	46.51	200	6000	24.0	1913	6.77	18.2	0.83	8.5	
1600	46.51	200	7000	24.0	1913	6.78	17.7	0.80	8.0	

Sample Type	Quantity/Container Type	Preservative	Analysis	Sample Time	Sample Indentification
Primary	3, VOAs (40 ml); 1, 125 ml poly	HCL; 4°C	VOCs (8260B); pCBSA (EPA 314 Modiified)	1600	BF-33-20150930

Notes:

JHA Environmental

GROUNDWATER SAMPLING FORM

Well ID #: BF-35	**Purging Method:** Low-Flow	**Site:** Montrose Chemical Superfund
Well Diameter (in): 2	**Pump Model and ID:** QED Bladder	**Date:** 10-1-15
Measurement Point: TOC - North Side	**Tubing Type and Diameter:** TLPE.17X1/4 x LDPE.17x1/4	**Sampling Event:** September 2015
Installed Well Depth (ft): 126	**WQ Meter Model and ID:** YSI Pro Series Flow Cell	**Project Number:** F205
Screen Interval (ft): 105.5-126	**Minimum Initial Purge Volume (mL):** 677.5	**Client Name:** Montrose / demaximis
Depth to LNAPL (ft): NA	**Control Box Settings**	**Client Project Number:**
Depth to Water (ft): 66.53	**CPM:** 4 **R:** 8 **D:** 7 **PSI:** 100	**Sampled By:** Eric Holmberg
Pump Set Depth (ft): 115.5	**Weather Conditions:**	

Time (hh:mm)	Depth to Water (ft)	Flow Rate (mL/min)	Total Volume Purged (mL)	Temp. (deg C)	Cond. (mS/cm)	pH	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Observations
1432	60.54	200	1000	22.9	869	7.07	4.63	1.07	-115.2	1 system Vol. removed
1437	60.54		2000	22.8	873	6.91	4.58	0.73	-86.0	
1442	66.54		3000	22.9	872	6.92	4.36	0.68	-81.2	
1447	60.54		4000	22.7	881	6.93	3.99	0.59	-79.2	
1452	60.54	↓	5000	22.7	883	6.94	3.72	0.57	-77.1	

Sample Type	Quantity/Container Type	Preservative	Analysis	Sample Time	Sample Indentification
Primary	3, VOAs (40 ml); 1, 125 ml poly	HCL; 4°C	VOCs (8260B); pCBSA (EPA 314 Modified)	1455	BF-35-20151001

Notes:

JHA Environmental

GROUNDWATER SAMPLING FORM

Well ID #: BF-36	**Purging Method:** Low-Flow	**Site: Montrose Chemical Superfund**
Well Diameter (in): 4	**Pump Model and ID:** QED Bladder	**Date:** 9-30-15
Measurement Point: TOC - North Side	**Tubing Type and Diameter:** TLPE.17X1/4 x LDPE.17x1/4	**Sampling Event: September 2015**
Installed Well Depth (ft): 128	**WQ Meter Model and ID:** YSI Pro Series Flow Cell	**Project Number: F205**
Screen Interval (ft): 111-126	**Minimum Initial Purge Volume (mL):** 842.5	**Client Name: Montrose / demaximis**
Depth to LNAPL (ft): NA	**Control Box Settings**	**Client Project Number:**
Depth to Water (ft): ~~48.06~~ 48.26	**CPM:** 4 **R:** 9 **D:** 6 **PSI:** 90	**Sampled By:** Eric Holmberg
Pump Set Depth (ft): 118.5	**Weather Conditions:** Clear / Hot	

Time (hh:mm)	Depth to Water (ft)	Flow Rate (mL/min)	Total Volume Purged (mL)	Temp. (deg C)	Cond. (mS/cm)	pH	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Observations
1037	48.31	200	1000	23.5	814	7.36	2.53	1.29	-79.1	1 system vol. removed
1042	48.38		2000	23.4	817	7.31	2.31	0.98	-61.1	
1047	48.41		3000	23.3	816	7.30	5.13	0.84	-51.9	
1052	48.41		4000	23.0	816	7.29	4.22	0.74	-46.0	
1057	48.41		5000	23.0	810	7.28	1.48	0.62	-36.1	
1102	48.41		6000	23.2	807	7.29	3.81	0.57	-34.3	
1107	48.41	—	7000	23.1	805	7.29	4.26	0.54	-33.1	

Sample Type	Quantity/Container Type	Preservative	Analysis	Sample Time	Sample Indentification
Primary	3, VOAs (40 ml); 1, 125 ml poly	HCL; 4°C	VOCs (8260B); pCBSA (EPA 314 Modified)	1110	BF-36-20150930

Notes:

JHA Environmental

GROUNDWATER SAMPLING FORM

Well ID #: BF-OW-4	**Purging Method:** Low-Flow	**Site:** Montrose Chemical Superfund
Well Diameter (in): 2	**Pump Model and ID:** QED Bladder Pump	**Date:** 9/29/15
Measurement Point: TOC - North Side	**Tubing Type and Diameter:** TLPE.17X1/4 x LDPE.17x1/4	**Sampling Event:** September 2015
Installed Well Depth (ft): 175	**WQ Meter Model and ID:** YSI ProPlus Flocell	**Project Number:** F205
Screen Interval (ft): 138-173	**Minimum Initial Purge Volume (mL):** 1000	**Client Name:** Montrose / demaximis
Depth to LNAPL (ft): N/A	**Control Box Settings**	**Client Project Number:**
Depth to Water (ft): 52.21	**CPM:** 4 **R:** 10 **D:** 5 **PSI:**	**Sampled By:** Eric Morse
Pump Set Depth (ft): 155'	**Weather Conditions:** Clear 88, breezy	

Time (hh:mm)	Depth to Water (ft)	Flow Rate (mL/min)	Total Volume Purged (mL)	Temp. (deg C)	Cond. (mS/cm)	pH	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Observations
1535	52.24	200	1000	23.3	996	7.38	727	0.86	8.5	1 system volume removed.
1540	52.25	200	2000	23.2	*1014	7.39	22.1	0.75	4.9	
1545	52.25	200	3000	23.2	1024	7.41	17.0	0.63	0.4	
1550	52.25	200	4000	23.1	1034	7.41	14.2	0.56	-2.9	
1555	52.25	200	5000	23.1	1039	7.44	13.6	0.53	-5.7	
1600	52.25	200	6000	23.1	1041	7.45	12.2	0.49	-7.3	
1605	52.25	200	7000	23.1	1043	7.46	13.5	0.48	-8.8	

Sample Type	Quantity/Container Type	Preservative	Analysis	Sample Time	Sample Indentification
Primary	3, VOAs (40 ml); 1, 125 ml poly	HCL; 4°C	VOCs (8260B); pCBSA (EPA 314 Modiified)	1600 1605	BF-OW-4-20150929

Notes:

JHA Environmental

NO ODORS

GROUNDWATER SAMPLING FORM

Well ID #: SWL0011	**Purging Method:** Low-Flow	**Site: Montrose Chemical Superfund**
Well Diameter (in): 4	**Pump Model and ID:** QED · MP-50	**Date:** 10/7/15
Measurement Point: TOC - North Side	**Tubing Type and Diameter:** TLPE.17X1/4 x LDPE.17x1/4	**Sampling Event:** September 2015
Installed Well Depth (ft):	**WQ Meter Model and ID:** HORIBA U-52	**Project Number:** F205
Screen Interval (ft): N/A	**Minimum Initial Purge Volume (mL):**	**Client Name:** Montrose / demaximis
Depth to LNAPL (ft): N/A	**Control Box Settings**	**Client Project Number:** F205
Depth to Water (ft): 42.98	**CPM:** 4 **R:** 10 **D:** 5 **PSI:** 40"	**Sampled By:** CW
Pump Set Depth (ft): 66'	**Weather Conditions:**	

Time (hh:mm)	Depth to Water (ft)	Flow Rate (mL/min)	Total Volume Purged (mL)	Temp. (deg C)	Cond. (mS/cm)	pH	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Observations
1030	43.01	200	2000	—	—	—	—	—		STARTED PURGING @ 1020
1035	43.02	200	3000	25.11	0.542	6.34	0.7	7.21	180	CLEAR NO ODOR
1040	43.02	200	4000	25.03	0.526	6.99	0.0	1.00	135	
1045	43.02	200	5000	25.02	0.524	7.07	0.0	0.60	131	" "
1050	43.02	200	6000	25.01	0.523	7.07	0.0	6.58	131	
1055	43.02	200	7000	24.90	0.523	7.08	0.0	6.57	130	CLEAR NO ODOR

Sample Type	Quantity/Container Type	Preservative	Analysis	Sample Time	Sample Indentification
Primary	3, VOAs (40 ml); 1, 125 ml poly	HCL; 4°C	VOCs (8260B); pCBSA (EPA 314 Modified)	1100	SWL0011-20151007

Notes:

NS

JHA Environmental

NO ODORS

GROUNDWATER SAMPLING FORM

Well ID #: SWL0011	**Purging Method:** Low-Flow	**Site: Montrose Chemical Superfund**
Well Diameter (in): 4	**Pump Model and ID:** QED · MP-50	**Date:** 10/7/15
Measurement Point: TOC - North Side	**Tubing Type and Diameter:** TLPE.17X1/4 x LDPE.17x1/4	**Sampling Event:** September 2015
Installed Well Depth (ft):	**WQ Meter Model and ID:** HORIBA U-52	**Project Number:** F205
Screen Interval (ft): N/A	**Minimum Initial Purge Volume (mL):**	**Client Name:** Montrose / demaximis
Depth to LNAPL (ft): N/A	**Control Box Settings**	**Client Project Number:** F205
Depth to Water (ft): 42.98	**CPM:** 4 **R:** 10 **D:** 5 **PSI:** 40"	**Sampled By:** CW
Pump Set Depth (ft): 66'	**Weather Conditions:**	

Time (hh:mm)	Depth to Water (ft)	Flow Rate (mL/min)	Total Volume Purged (mL)	Temp. (deg C)	Cond. (mS/cm)	pH	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Observations
1030	43.01	200	2000	—	—	—	—	—		STARTED PURGING @ 1020
1035	43.02	200	3000	25.11	0.542	6.34	0.7	7.21	180	CLEAR NO ODOR
1040	43.02	200	4000	25.03	0.526	6.99	0.0	1.00	135	
1045	43.02	200	5000	25.02	0.524	7.07	0.0	0.60	131	" "
1050	43.02	200	6000	25.01	0.523	7.07	0.0	6.58	131	
1055	43.02	200	7000	24.90	0.523	7.08	0.0	6.57	130	CLEAR NO ODOR

Sample Type	Quantity/Container Type	Preservative	Analysis	Sample Time	Sample Indentification
Primary	3, VOAs (40 ml); 1, 125 ml poly	HCL; 4°C	VOCs (8260B); pCBSA (EPA 314 Modified)	1100	SWL0011-20151007

Notes:

NS

JHA Environmental

GROUNDWATER SAMPLING FORM

Well ID #: SWL0026	**Purging Method:** Low-Flow	**Site:** Montrose Chemical Superfund
Well Diameter (in): 4	**Pump Model and ID:** QED Bladder	**Date:** 9-29-15
Measurement Point: TOC - North Side	**Tubing Type and Diameter:** TLPE.17X1/4 x LDPE.17x1/4	**Sampling Event:** September 2015
Installed Well Depth (ft): 178	**WQ Meter Model and ID:** YSI Pro Series Flow Cell	**Project Number:** F205
Screen Interval (ft): 159.8-175.5	**Minimum Initial Purge Volume (mL):** 1100	**Client Name:** Montrose / demaximis
Depth to LNAPL (ft): NA	**Control Box Settings**	**Client Project Number:**
Depth to Water (ft): 35.48	**CPM:** 4 **R:** 9 **D:** 6 **PSI:** 150	**Sampled By:** Eric Holmberg
Pump Set Depth (ft): 167.5	**Weather Conditions:** Clear	

Time (hh:mm)	Depth to Water (ft)	Flow Rate (mL/min)	Total Volume Purged (mL)	Temp. (deg C)	Cond. (mS/cm)	pH	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Observations
746	35.48	200	1100	22.3	574	7.26	4.12	1.17	-37.8	1 system Vol. removed.
751	35.48		2100	22.2	577	7.33	4.01	0.97	-61.9	
756	35.48	"	3100	22.3	578	7.35	3.98	0.89	-70.7	
801	35.48	"	4100	22.2	579	7.39	3.61	0.83	-76.1	
806	35.48	"	5100	22.3	579	7.38	3.44	0.79	-78.3	

Sample Type	Quantity/Container Type	Preservative	Analysis	Sample Time	Sample Indentification
Primary	3, VOAs (40 ml); 1, 125 ml poly	HCL; 4°C	VOCs (8260B); pCBSA (EPA 314 Modified)	810	SWL0026-20150929

Notes:

JHA Environmental

GROUNDWATER SAMPLING FORM

Well ID #: SWL0027	**Purging Method:** Low-Flow	**Site: Montrose Chemical Superfund**
Well Diameter (in): 4	**Pump Model and ID:**	**Date:** 9-29-15
Measurement Point: TOC - North Side	**Tubing Type and Diameter:** TLPE.17X1/4 x LDPE.17x1/4	**Sampling Event:** September 2015
Installed Well Depth (ft): 137	**WQ Meter Model and ID:**	**Project Number:** F205
Screen Interval (ft): 119-135	**Minimum Initial Purge Volume (mL):** 885	**Client Name:** Montrose / demaximis
Depth to LNAPL (ft): NA	**Control Box Settings**	**Client Project Number:**
Depth to Water (ft): 33.94	**CPM:** 4 **R:** 9 **D:** 6 **PSI:** 75	**Sampled By:** Eric Holmberg
Pump Set Depth (ft): 127	**Weather Conditions:** Clear	

Time (hh:mm)	Depth to Water (ft)	Flow Rate (mL/min)	Total Volume Purged (mL)	Temp. (deg C)	Cond. (mS/cm)	pH	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Observations
855	33.94	200	1000	23.0	1295	6.89	9.79	0.89	-53.6	1 system vol. removed
900	33.94		2000	23.0	1301	6.91	8.59	0.79	-57.2	
905	33.94		3000	23.0	1304	6.92	8.00	0.67	-61.7	
910	33.94		4000	23.0	1303	6.92	7.76	0.63	-63.4	
915	33.94		5000	23.0	1302	6.93	7.44	0.59	-65.0	

Sample Type	Quantity/Container Type	Preservative	Analysis	Sample Time	Sample Indentification
Primary	3, VOAs (40 ml); 1, 125 ml poly	HCL; 4°C	VOCs (8260B); pCBSA (EPA 314 Modified)	920	SWL0027-20150929

Notes:

JHA Environmental

GROUNDWATER SAMPLING FORM

Well ID #: SWL0034	**Purging Method:** Low-Flow	**Site: Montrose Chemical Superfund**
Well Diameter (in): 4	**Pump Model and ID:** QED Bladder	**Date:** 10-1-15
Measurement Point: TOC - North Side	**Tubing Type and Diameter:** TLPE.17X1/4 x LDPE.17x1/4	**Sampling Event: September 2015**
Installed Well Depth (ft): 178	**WQ Meter Model and ID:** YSI Pro Series	**Project Number: F205**
Screen Interval (ft): 160-176	**Minimum Initial Purge Volume (mL):** 940	**Client Name: Montrose / demaximis**
Depth to LNAPL (ft): NA	**Control Box Settings**	**Client Project Number:**
Depth to Water (ft): 47.22	**CPM:** 2 **R:** 16 **D:** 14 **PSI:** 150	**Sampled By:** Eric Wilmsey
Pump Set Depth (ft): 168	**Weather Conditions:**	

Time (hh:mm)	Depth to Water (ft)	Flow Rate (mL/min)	Total Volume Purged (mL)	Temp. (deg C)	Cond. (mS/cm)	pH	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Observations
1137	47.25	250	1000	23.1	1618	6.97	1.64	1.21	-94.8	1 system vol. removed
1141	47.25	|	2000	23.1	1699	6.95	1.60	1.13	-88.5	
1145	47.25	|	3000	23.2	1716	6.98	1.41	0.93	-87.7	
1149	47.25	|	4000	23.0	1722	7.01	1.33	0.85	-87.9	
1153	47.23	|	5000	23.1	1721	7.01	1.24	0.80	-88.5	

Sample Type	Quantity/Container Type	Preservative	Analysis	Sample Time	Sample Indentification
Primary	3, VOAs (40 ml); 1, 125 ml poly	HCL; 4°C	VOCs (8260B); pCBSA (EPA 314 Modified)	1155	SWL0034-20151001

Notes:

JHA Environmental

Duplicate

GROUNDWATER SAMPLING FORM

Well ID #: SWL0049	**Purging Method:** Low-Flow	**Site:** Montrose Chemical Superfund
Well Diameter (in): 4	**Pump Model and ID:** QED Bladder	**Date:** 9-28-15
Measurement Point: TOC - North Side	**Tubing Type and Diameter:** TLPE.17X1/4 x LDPE.17x1/4	**Sampling Event:** September 2015
Installed Well Depth (ft):	**WQ Meter Model and ID:** YSI Pro Series Flow Cell	**Project Number:** F205
Screen Interval (ft): 42-66	**Minimum Initial Purge Volume (mL):** 1000	**Client Name:** Montrose / demaximis
Depth to LNAPL (ft): NA	**Control Box Settings**	**Client Project Number:**
Depth to Water (ft): 42.67	**CPM:** **R:** **D:** **PSI:** 60	**Sampled By:** Eric Nolmberg
Pump Set Depth (ft): 54	**Weather Conditions:**	

Time (hh:mm)	Depth to Water (ft)	Flow Rate (mL/min)	Total Volume Purged (mL)	Temp. (deg C)	Cond. (mS/cm)	pH	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Observations
1507	42.74	200	1000	23.5	2010	6.51	3.98	0.55	38.1	
1512	42.74		2000	23.5	2020	6.48	3.07	0.66	38.3	
1517	42.74		3000	23.4	2044	6.44	2.81	0.94	38.1	
1522	42.74		4000	23.4	2062	6.42	2.51	1.09	36.3	
1527	42.74		5000	23.3	2081	6.41	2.34	1.47	34.0	
1532	42.74		6000	23.4	2100	6.40	3.01	1.62	30.7	
1537	42.74		7000	23.3	2101	6.40	2.97	1.64	30.6	

Sample Type	Quantity/Container Type	Preservative	Analysis	Sample Time	Sample Indentification
Primary	3, VOAs (40 ml); 1, 125 ml poly	HCL; 4°C	VOCs (8260B); pCBSA (EPA 314 Modified)	1540	SWL0049-20150928

Notes:

JHA Environmental

GROUNDWATER SAMPLING FORM

Well ID #: G-01	**Purging Method:** Low-Flow	**Site:** Montrose Chemical Superfund
Well Diameter (in): 4"	**Pump Model and ID:** MP50-1616	**Date:** 10-1-15
Measurement Point: TOC - North Side	**Tubing Type and Diameter:** TLPE.17X1/4 x LDPE.17x1/4	**Sampling Event:** September 2015
Installed Well Depth (ft): 164.5	**WQ Meter Model and ID:** U52/X80UKHAC	**Project Number:** F205
Screen Interval (ft): 140.5-161	**Minimum Initial Purge Volume (mL):** 1707.5	**Client Name:** Montrose / demaximis
Depth to LNAPL (ft): N/A	**Control Box Settings**	**Client Project Number:**
Depth to Water (ft): 57.48	**CPM:** A **R:** 10 **D:** 5 **PSI:** 10	**Sampled By:** C Johnson
Pump Set Depth (ft): 150.75	**Weather Conditions:** Patchy Clouds, Warm	

Time (hh:mm)	Depth to Water	Flow Rate (mL/min)	Total Volume Purged (mL)	Temp. (deg C)	Cond. (mS/cm)	pH	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Observations
1005	~~150.75~~ 57.48	120	—	—	—	—	—	—	—	Clear
1030	57.56	↓	3000	23.81	0.580	8.13	21.7	1.77	-43	↓
1035	57.56		3600	23.83	0.577	8.15	19.8	1.44	-57	
1040	57.56		4200	23.85	0.576	8.14	17.6	1.27	-66	
1045	57.56		4800	23.84	0.575	8.13	16.4	1.24	-67	
1050	57.56	↓	5400	23.85	0.575	8.12	16.2	1.22	-69	↓

Sample Type	Quantity/Container Type	Preservative	Analysis	Sample Time	Sample Indentification
Primary	3, VOAs (40 ml); 1, 125 ml poly	HCL; 4°C	VOCs (8260B); pCBSA (EPA 314 Modiified)	1055	G-01-20151001

Notes:

JHA Environmental

GROUNDWATER SAMPLING FORM

Well ID #: G-02	**Purging Method:** Low-Flow	**Site:** Montrose Chemical Superfund
Well Diameter (in): 4	**Pump Model and ID:** QED SamplePro Bladder Pump	**Date:**
Measurement Point: TOC - North Side	**Tubing Type and Diameter:** TLPE.17X1/4 x LDPE.17x1/4	**Sampling Event:** September 2015
Installed Well Depth (ft): 180	**WQ Meter Model and ID:** YSI Pro Plus Flocell	**Project Number:** F205
Screen Interval (ft): 155-175.5	**Minimum Initial Purge Volume (mL):**	**Client Name:** Montrose / demaximis
Depth to LNAPL (ft): N/A	**Control Box Settings**	**Client Project Number:**
Depth to Water (ft): 54.80	**CPM:** 4 **R:** 10 **D:** 5 **PSI:** 85	**Sampled By:** E. Morse
Pump Set Depth (ft): 165'	**Weather Conditions:** Clear	

Time (hh:mm)	Depth to Water (ft)	Flow Rate (mL/min)	Total Volume Purged (mL)	Temp. (deg C)	Cond. (mS/cm)	pH	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Observations
1209	54.88	200	1000	~~20.6~~ 24.9	475.9	9.65	20.6	1.73	-108.4	removed 1 system volume.
1214	54.96	200	2000	24.9	475.8	9.68	8.45	1.20	-119.6	
1219	54.98	200	3000	24.8	475.8	9.76	7.69	0.93	-128.6	
1224	54.98	200	4000	24.8	476.0	9.80	5.58	0.79	-133.4	
1229	54.98	200	5000	24.8	480.5	9.74	6.57	0.71	-135.9	
1234	54.98	200	6000	24.7	487.8	9.66	7.01	0.66	-137.8	
1239	54.98	200	7000	24.7	498.7	9.53	7.18	0.55	-138.8	
1244	54.98	200	8000	24.7	503	9.48	6.83	0.52	-139.4	
1249	54.98	200	9000	24.7	507	9.45	6.84	0.49	-140.4	
1254	54.98	200	10000	24.7	510	9.40	7.03	0.47	-142.5	

Sample Type	Quantity/Container Type	Preservative	Analysis	Sample Time	Sample Indentification
Primary	3, VOAs (40 ml); 1, 125 ml poly	HCL; 4°C	VOCs (8260B); pCBSA (EPA 314 Modified)	1254	G-02-20151001

Notes:

340

JHA Environmental

Pump in well

GROUNDWATER SAMPLING FORM

Well ID #: G-03	**Purging Method:** Low-Flow	**Site: Montrose Chemical Superfund**
Well Diameter (in):	**Pump Model and ID:** QED - MP.50	**Date:** 10/7/15
Measurement Point: TOC - North Side	**Tubing Type and Diameter:** TLPE.17X1/4 x LDPE.17x1/4	**Sampling Event: September 2015**
Installed Well Depth (ft): 170	**WQ Meter Model and ID:** HORIBA U-52	**Project Number: F205**
Screen Interval (ft): 145.5-166	**Minimum Initial Purge Volume (mL):**	**Client Name: Montrose / demaximis**
Depth to LNAPL (ft): N/A	**Control Box Settings**	**Client Project Number:**
Depth to Water (ft): 61.10	**CPM:** 4 **R:** 10 **D:** 5 **PSI:** 120	**Sampled By:** CW
Pump Set Depth (ft): 155.0	**Weather Conditions:** SUNNY	

Time (hh:mm)	Depth to Water (ft)	Flow Rate (mL/min)	Total Volume Purged (mL)	Temp. (deg C)	Cond. (mS/cm)	pH	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Observations
1200	61.13	200	2000	—	—	—	—	—	—	STARTED PURGING
1215	61.14	200	3000	26.55	0.496	8.62	0.0	2.19	-89	CLEAR / NO ODOR
1220	61.14	200	4000	26.40	0.496	8.50	0.0	1.10	-90	
1225	61.14	200	5000	26.40	0.497	8.44	0.0	1.00	-89	
1230	61.14	200	6000	26.39	0.497	8.44	0.0	0.98	-90	
1235	61.14	200	7000	26.39	0.497	8.43	0.0	0.98	-90	CLEAR / NO ODOR

Sample Type	Quantity/Container Type	Preservative	Analysis	Sample Time	Sample Indentification
Primary	3, VOAs (40 ml); 1, 125 ml poly	HCL; 4°C	VOCs (8260B); pCBSA (EPA 314 Modified)	1240	G-03-20151007

Notes:

JHA Environmental

GROUNDWATER SAMPLING FORM

Well ID #: G-04	**Purging Method:** Low-Flow	**Site:** Montrose Chemical Superfund
Well Diameter (in): 4"	**Pump Model and ID:** MP50-16616	**Date:** 10-7-15
Measurement Point: TOC - North Side	**Tubing Type and Diameter:** TLPE.17X1/4 x LDPE.17x1/4	**Sampling Event:** September 2015
Installed Well Depth (ft): 195	**WQ Meter Model and ID:** U52/X80UKHAC	**Project Number:** F205
Screen Interval (ft): 154-194	**Minimum Initial Purge Volume (mL):** 1940	**Client Name:** Montrose / demaximis
Depth to LNAPL (ft): N/A	**Control Box Settings**	**Client Project Number:**
Depth to Water (ft): 51.70	**CPM:** 4 **R:** 10 **D:** 5 **PSI:** ~~100~~ 100	**Sampled By:** C Johnson
Pump Set Depth (ft): pump in well	**Weather Conditions:**	

Time (hh:mm)	Depth to Water (ft)	Flow Rate (mL/min)	Total Volume Purged (mL)	Temp. (deg C)	Cond. (mS/cm)	pH	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Observations
1315	51.70	200	—	—	—	—	—	—	—	Clear
1325	51.79	↓	2000	22.98	0.400	7.72	0.0	1.70	-153	↓
1330	51.79	↓	3000	22.83	0.390	7.96	0.0	1.26	-191	↓
1335	51.79	↓	4000	22.73	0.386	8.25	0.0	1.06	-221	↓
1340	51.79	↓	5000	22.47	0.384	8.41	0.0	1.00	-234	↓
1345	51.79	↓	6000	22.64	0.383	8.42	0.0	0.96	-236	↓
1350	51.79	↓	7000	22.62	0.383	8.43	0.0	0.94	-238	↓

Sample Type	Quantity/Container Type	Preservative	Analysis	Sample Time	Sample Indentification
Primary	3, VOAs (40 ml); 1, 125 ml poly	HCL; 4°C	VOCs (8260B); pCBSA (EPA 314 Modified)	1355	G-04-20151007

Notes:

JHA Environmental

GROUNDWATER SAMPLING FORM

Well ID #: G-05	**Purging Method:** Low-Flow	**Site:** Montrose Chemical Superfund
Well Diameter (in): 4"	**Pump Model and ID:** MP50 · 1616	**Date:** 10-2-15
Measurement Point: TOC - North Side	**Tubing Type and Diameter:** TLPE.17X1/4 x LDPE.17x1/4	**Sampling Event:** September 2015
Installed Well Depth (ft): 194	**WQ Meter Model and ID:** U52 X80UKHAC	**Project Number:** F205
Screen Interval (ft): 151-190	**Minimum Initial Purge Volume (mL):** 1915	**Client Name:** Montrose / demaximis
Depth to LNAPL (ft): N/A	**Control Box Settings**	**Client Project Number:**
Depth to Water (ft): 53.21	**CPM:** 4 **R:** 10 **D:** 5 **PSI:** 105	**Sampled By:** C Johnson
Pump Set Depth (ft): 170.5	**Weather Conditions:** Clear, Hot	

Time (hh:mm)	Depth to Water (ft)	Flow Rate (mL/min)	Total Volume Purged (mL)	Temp. (deg C)	Cond. (mS/cm)	pH	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Observations
1235	53.21	200	~~200~~	—	—	—	—	—	—	Clear
1255	53.21	↓	4000	22.36	0.519	8.00	0.0	1.00	-153	
1300	53.21		5000	22.37	0.519	8.03	0.0	0.93	-159	
1305	53.21		6000	22.36	0.519	8.01	0.0	0.89	-160	
1310	53.21		7000	22.36	0.519	8.03	0.0	0.87	-161	
1315	53.21	↑	8000	22.36	0.519	8.03	0.0	0.86	-162	

Sample Type	Quantity/Container Type	Preservative	Analysis	Sample Time	Sample Indentification
Primary	3, VOAs (40 ml); 1, 125 ml poly	HCL; 4°C	VOCs (8260B); pCBSA (EPA 314 Modified)	1320	G-05-20151002

Notes:

3002

JHA Environmental

GROUNDWATER SAMPLING FORM

Well ID #: G-08	**Purging Method:** Low-Flow	**Site:** Montrose Chemical Superfund
Well Diameter (in):	**Pump Model and ID:** QED Bladder Pump	**Date:** 9/28/15
Measurement Point: TOC - North Side	**Tubing Type and Diameter:** TLPE.17X1/4 x LDPE.17x1/4	**Sampling Event:** September 2015
Installed Well Depth (ft): 181	**WQ Meter Model and ID:** YSI	**Project Number:** F205
Screen Interval (ft): 140-180	**Minimum Initial Purge Volume (mL):** 1000	**Client Name:** Montrose / demaximis
Depth to LNAPL (ft): NA	**Control Box Settings**	**Client Project Number:**
Depth to Water (ft): 34.65	**CPM:** R: 10 D: 5 **PSI:** 85	**Sampled By:** Eric Morse
Pump Set Depth (ft): 165	**Weather Conditions:** Clear, 85°F	

Time (hh:mm)	Depth to Water (ft)	Flow Rate (mL/min)	Total Volume Purged (mL)	Temp. (deg C)	Cond. (mS/cm)	pH	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Observations
1035	34.65	200	1000	25.3	441.5	7.47	4.36	2.06	30.5	1 system volume removed
1040	34.65	200	2000	25.7	491.9	7.59	4.74	1.53	2.8	
1045	34.65	200	3000	25.4	507.0	7.68	5.31	1.36	-14.8	
1050	34.65	200	4000	25.7	515	7.76	4.43	1.18	-37.6	
1055	34.65	200	5000	25.4	517	7.80	3.88	1.10	-46.1	
1100	34.65	200	6000	25.5	518	7.80	3.94	1.04	-54.0	
1105	34.65	200	7000	25.4	519	7.82	3.99	1.02	-55.7	

Sample Type	Quantity/Container Type	Preservative	Analysis	Sample Time	Sample Indentification
Primary	3, VOAs (40 ml); 1, 125 ml poly	HCL; 4°C	VOCs (8260B); pCBSA (EPA 314 Modified)	1105	G-08-20150928

Notes:

JHA Environmental

GROUNDWATER SAMPLING FORM

Well ID #: G-09	**Purging Method:** Low-Flow	**Site: Montrose Chemical Superfund**
Well Diameter (in): 4	**Pump Model and ID:**	**Date:** 9/29/15
Measurement Point: TOC - North Side	**Tubing Type and Diameter:** TLPE.17X1/4 x LDPE.17x1/4	**Sampling Event: September 2015**
Installed Well Depth (ft): 213	**WQ Meter Model and ID:**	**Project Number: F205**
Screen Interval (ft): 171-213	**Minimum Initial Purge Volume (mL):** 1100	**Client Name: Montrose / demaximis**
Depth to LNAPL (ft): NA	**Control Box Settings**	**Client Project Number:**
Depth to Water (ft): 40 41.55	**CPM:** 2 **R:** 17 **D:** 13 **PSI:** 100	**Sampled By:** E. Morse
Pump Set Depth (ft): 191	**Weather Conditions:** Clear	

Time (hh:mm)	Depth to Water (ft)	Flow Rate (mL/min)	Total Volume Purged (mL)	Temp. (deg C)	Cond. (mS/cm)	pH	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Observations
940	41.55	200	1100	22.4	671	7.99	4.16	1.97	-55.0	
945	41.55	200	2100	22.2	663	7.96	3.37	1.69	-73.3	
950	41.55	200	3100	22.0	662	7.98	3.14	1.30	-82.9	
955	41.55	200	4100	22.2	662	8.01	3.73	1.00	-100.2	
1000	41.55	200	5100	22.3	661	8.03	3.56	1.03	-105.5	
1005	41.55	200	6100	22.3	662	8.05	3.29	0.99	-109.8	

Sample Type	Quantity/Container Type	Preservative	Analysis	Sample Time	Sample Indentification
Primary	3, VOAs (40 ml); 1, 125 ml poly	HCL; 4°C	VOCs (8260B); pCBSA (EPA 314 Modified)	1005	G-09-2015 0929

Notes: G-09 needs 4" cap.

JHA Environmental

GROUNDWATER SAMPLING FORM

Well ID #: G-12	**Purging Method:** Low-Flow	**Site:** Montrose Chemical Superfund
Well Diameter (in): 4	**Pump Model and ID:** QED Bladder	**Date:** 10-1-15
Measurement Point: TOC - North Side	**Tubing Type and Diameter:** TLPE.17X1/4 x LDPE.17x1/4	**Sampling Event:** September 2015
Installed Well Depth (ft):	**WQ Meter Model and ID:** YSI Pro Series Flow Cell	**Project Number:** F205
Screen Interval (ft): 158-198	**Minimum Initial Purge Volume (mL):** 990	**Client Name:** Montrose / demaximis
Depth to LNAPL (ft): NA	**Control Box Settings**	**Client Project Number:**
Depth to Water (ft): 38.13	**CPM:** 2 **R:** 16 **D:** 14 **PSI:** 150	**Sampled By:** Eric Williams
Pump Set Depth (ft): 178	**Weather Conditions:** Clear	

Time (hh:mm)	Depth to Water (ft)	Flow Rate (mL/min)	Total Volume Purged (mL)	Temp. (deg C)	Cond. (mS/cm)	pH	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Observations
1234	38.14	200	1000	23.4	1106	7.30	7.94	1.57	-116.2	1 system vol. removed
1239	38.14		2000	23.0	1116	7.26	8.24	1.46	-111.4	
1244	38.14		3000	22.9	1115	7.26	8.39	1.36	-112.1	
1249	38.14		4000	22.7	1115	7.24	8.26	0.92	-119.5	
1254	38.14		5000	22.5	1116	7.26	8.11	0.71	-123.9	
1259	38.14		6000	22.5	1115	7.26	8.20	0.69	-125.3	

Sample Type	Quantity/Container Type	Preservative	Analysis	Sample Time	Sample Indentification
Primary	3, VOAs (40 ml); 1, 125 ml poly	HCL; 4°C	VOCs (8260B); pCBSA (EPA 314 Modified)	1300	G-12-20151001

Notes:

2600

JHA Environmental

GROUNDWATER SAMPLING FORM

Well ID #: G-12	**Purging Method:** Low-Flow	**Site:** Montrose Chemical Superfund
Well Diameter (in): 4	**Pump Model and ID:** QED Bladder	**Date:** 10-1-15
Measurement Point: TOC - North Side	**Tubing Type and Diameter:** TLPE.17X1/4 x LDPE.17x1/4	**Sampling Event:** September 2015
Installed Well Depth (ft):	**WQ Meter Model and ID:** YSI Pro Series Flow Cell	**Project Number:** F205
Screen Interval (ft): 158-198	**Minimum Initial Purge Volume (mL):** 990	**Client Name:** Montrose / demaximis
Depth to LNAPL (ft): NA	**Control Box Settings**	**Client Project Number:**
Depth to Water (ft): 38.13	**CPM:** 2 **R:** 16 **D:** 14 **PSI:** 150	**Sampled By:** Eric Williams
Pump Set Depth (ft): 178	**Weather Conditions:** Clear	

Time (hh:mm)	Depth to Water (ft)	Flow Rate (mL/min)	Total Volume Purged (mL)	Temp. (deg C)	Cond. (mS/cm)	pH	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Observations
1234	38.14	200	1000	23.4	1106	7.30	7.94	1.57	-116.2	1 system vol. removed
1239	38.14		2000	23.0	1116	7.26	8.24	1.46	-111.4	
1244	38.14		3000	22.9	1115	7.26	8.39	1.36	-112.1	
1249	38.14		4000	22.7	1115	7.24	8.26	0.92	-119.5	
1254	38.14		5000	22.5	1116	7.26	8.11	0.71	-123.9	
1259	38.14		6000	22.5	1115	7.26	8.20	0.69	-125.3	

Sample Type	Quantity/Container Type	Preservative	Analysis	Sample Time	Sample Indentification
Primary	3, VOAs (40 ml); 1, 125 ml poly	HCL; 4°C	VOCs (8260B); pCBSA (EPA 314 Modified)	1300	G-12-20151001

Notes:

2600

JHA Environmental

Duplicate

GROUNDWATER SAMPLING FORM

Well ID #: G-13	**Purging Method:** Low-Flow	**Site:** Montrose Chemical Superfund
Well Diameter (in):	**Pump Model and ID:** QED Bladder Pump	**Date:** 9/28/15
Measurement Point: TOC - North Side	**Tubing Type and Diameter:** TLPE.17X1/4 x LDPE.17x1/4	**Sampling Event:** September 2015
Installed Well Depth (ft): 197	**WQ Meter Model and ID:** YSI ProPlus Flowell	**Project Number:** F205
Screen Interval (ft): 157-197	**Minimum Initial Purge Volume (mL):** 995	**Client Name:** Montrose / demaximis
Depth to LNAPL (ft): NA	**Control Box Settings**	**Client Project Number:**
Depth to Water (ft): 48.50	**CPM:** R: 9 D: 6 **PSI:** 100	**Sampled By:** Eric Morse
Pump Set Depth (ft): 177' ✓	**Weather Conditions:** Clear	

Time (hh:mm)	Depth to Water (ft)	Flow Rate (mL/min)	Total Volume Purged (mL)	Temp. (deg C)	Cond. (mS/cm)	pH	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Observations
1135	48.55	125	1000	25.2	645	7.87	4.23	2.17	-1.1	1 System Volume removed,
1140	48.53	200	2000	25.1	644	7.86	5.38	1.57	-16.5	
1145	48.53	200	3000	25.5	644	7.89	4.29	1.29	-39.8	
1150	48.52	200	4000	26.4	645	8.01	4.25	1.25	-52.6	
1155	48.53	200	5000	26.5	646	8.05	4.97	1.29	-56.4	
1200	48.53	200	6000	26.3	647	8.00	4.55	1.30	-55.0	

Sample Type	Quantity/Container Type	Preservative	Analysis	Sample Time	Sample Indentification
Primary	3, VOAs (40 ml); 1, 125 ml poly	HCL; 4°C	VOCs (8260B); pCBSA (EPA 314 Modiified)	1200	G-13-20150928

Notes:

Duplicate + MS/MSD Taken @ well.

Dup sample ID- G-1300-20150928
C 1215

JHA Environmental

GROUNDWATER SAMPLING FORM

Well ID #: G-14	**Purging Method:** Low-Flow	**Site:** Montrose Chemical Superfund
Well Diameter (in): 4	**Pump Model and ID:** QED Bladder	**Date:** 9-30-15
Measurement Point: TOC - North Side	**Tubing Type and Diameter:** TLPE.17X1/4 x LDPE.17x1/4	**Sampling Event:** September 2015
Installed Well Depth (ft): 196	**WQ Meter Model and ID:** YSI Pro Series Flow Cell	**Project Number:** F205
Screen Interval (ft): 155-195	**Minimum Initial Purge Volume (mL):** 1125	**Client Name:** Montrose / demaximis
Depth to LNAPL (ft): NA	**Control Box Settings**	**Client Project Number:**
Depth to Water (ft): 51.78	**CPM:** 2 **R:** 16 **D:** 14 **PSI:** 150	**Sampled By:** Eric Holmberg
Pump Set Depth (ft): 175	**Weather Conditions:** Clear / Breezy	

Time (hh:mm)	Depth to Water (ft)	Flow Rate (mL/min)	Total Volume Purged (mL)	Temp. (deg C)	Cond. (mS/cm)	pH	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Observations
1543	51.80	200	1200	23.7	506	7.20	14.6	1.18	-66.1	1 system Vol. removed
1548	51.80		2200	23.9	508	7.17	13.6	1.14	-53.0	
1553	51.80		3200	23.6	507	7.19	13.1	0.96	-59.9	
1558	51.80		4200	23.5	507	7.21	12.2	0.92	-64.8	
1603	51.80		5200	23.6	508	7.22	12.8	0.79	-67.7	
1608	51.80		6200	23.4	508	7.24	12.3	0.75	-67.8	

Sample Type	Quantity/Container Type	Preservative	Analysis	Sample Time	Sample Indentification
Primary	3, VOAs (40 ml); 1, 125 ml poly	HCL; 4°C	VOCs (8260B); pCBSA (EPA 314 Modified)	1610	G-14-20150930

Notes:

JHA Environmental

GROUNDWATER SAMPLING FORM

Well ID #: G-15	**Purging Method:** Low-Flow	**Site:** Montrose Chemical Superfund
Well Diameter (in): 4	**Pump Model and ID:** QED Bladder	**Date:** 9-30-15
Measurement Point: TOC - North Side	**Tubing Type and Diameter:** TLPE.17X1/4 x LDPE.17x1/4	**Sampling Event:** September 2015
Installed Well Depth (ft): 184	**WQ Meter Model and ID:** YSI Pro Series Flow Cell	**Project Number:** F205
Screen Interval (ft): 142-182	**Minimum Initial Purge Volume (mL):** 1060	**Client Name:** Montrose / demaximis
Depth to LNAPL (ft): NA	**Control Box Settings**	**Client Project Number:**
Depth to Water (ft): 59.51	**CPM:** 4 **R:** 9 **D:** 6 **PSI:** 145	**Sampled By:** Eric Holmberg
Pump Set Depth (ft): 162	**Weather Conditions:** Clear	

Time (hh:mm)	Depth to Water (ft)	Flow Rate (mL/min)	Total Volume Purged (mL)	Temp. (deg C)	Cond. (mS/cm)	pH	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Observations
1327	59.55	200	1100	24.8	489	8.06	38.3	1.68	-150.8	1 system Vol Removed
1332	59.55	|	2100	24.4	493	7.66	23.1	1.26	-145.8	
1337	59.55	|	3100	24.3	494	7.56	19.7	1.02	-145.3	
1342	59.55	|	4100	24.3	493	7.56	18.8	0.95	-147.2	
1347	59.55	|	5100	24.5	492	7.57	18.5	0.94	-148.3	

Sample Type	Quantity/Container Type	Preservative	Analysis	Sample Time	Sample Indentification
Primary	3, VOAs (40 ml); 1, 125 ml poly	HCL; 4°C	VOCs (8260B); pCBSA (EPA 314 Modiified)	1350	G-15-20150930

Notes:

JHA Environmental

GROUNDWATER SAMPLING FORM

Well ID #: G-16	**Purging Method:** Low-Flow	**Site:** Montrose Chemical Superfund
Well Diameter (in): 4	**Pump Model and ID:** QED Bladder	**Date:** 9-28-15
Measurement Point: TOC - North Side	**Tubing Type and Diameter:** TLPE.17X1/4 x LDPE.17x1/4	**Sampling Event:** September 2015
Installed Well Depth (ft): 187	**WQ Meter Model and ID:** YSI Pro Plus Flow Cell	**Project Number:** F205
Screen Interval (ft): 145-185	**Minimum Initial Purge Volume (mL):** 1075	**Client Name:** Montrose / demaximis
Depth to LNAPL (ft): NA	**Control Box Settings**	**Client Project Number:**
Depth to Water (ft): 48.81	**CPM:** R: D: PSI:	**Sampled By:** Eric Wilmberg
Pump Set Depth (ft): 165	**Weather Conditions:** Clear / Wet	

Time (hh:mm)	Depth to Water (ft)	Flow Rate (mL/min)	Total Volume Purged (mL)	Temp. (deg C)	Cond. (mS/cm)	pH	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Observations
1151	48.87	200	1075	23.6	448	8.90	60.8	0.86	-182.9	1 system Vol. removed
1156	48.87	↓	2075	23.5	451	7.94	90.8	0.76	-181.2	
1201	48.87		3075	23.4	452	7.79	54.7	0.60	-177.9	
1206	48.87		4075	23.4	452	7.78	55.0	0.57	-177.7	
1211	48.87		5075	23.4	452	7.76	53.1	0.53	-177.6	

Sample Type	Quantity/Container Type	Preservative	Analysis	Sample Time	Sample Indentification
Primary	3, VOAs (40 ml); 1, 125 ml poly	HCL; 4°C	VOCs (8260B); pCBSA (EPA 314 Modified)	1215	G-16-20150928

Notes:

JHA Environmental

GROUNDWATER SAMPLING FORM

Well ID #: G-18	**Purging Method:** Low-Flow	**Site:** Montrose Chemical Superfund
Well Diameter (in): 4	**Pump Model and ID:** QED Bladder	**Date:** 9-29-15
Measurement Point: TOC - North Side	**Tubing Type and Diameter:** TLPE.17X1/4 x LDPE.17x1/4	**Sampling Event:** September 2015
Installed Well Depth (ft): 202	**WQ Meter Model and ID:** YSI Pro Series Flow Cell	**Project Number:** F205
Screen Interval (ft): 161-201	**Minimum Initial Purge Volume (mL):** 1155	**Client Name:** Montrose / demaximis
Depth to LNAPL (ft): NA	**Control Box Settings**	**Client Project Number:**
Depth to Water (ft): 34.50	**CPM:** 4 **R:** 9 **D:** 6 **PSI:** 150	**Sampled By:** Eric Nolmberg
Pump Set Depth (ft): 181	**Weather Conditions:** Clear	

Time (hh:mm)	Depth to Water (ft)	Flow Rate (mL/min)	Total Volume Purged (mL)	Temp. (deg C)	Cond. (mS/cm)	pH	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Observations
933	34.50	200	1200	22.7	496	7.75	17.0	1.52	-74.0	1 System Vol. removed
938	34.50	"	2200	22.4	487	7.71	16.9	0.99	-82.2	
943	34.50	"	3200	22.4	498	7.69	17.0	0.85	-85.7	
948	34.50	"	4200	22.4	488	7.68	16.5	0.79	-87.7	
953	34.50	"	5200	22.4	488	7.67	16.5	0.75	-89.8	

Sample Type	Quantity/Container Type	Preservative	Analysis	Sample Time	Sample Indentification
Primary	3, VOAs (40 ml); 1, 125 ml poly	HCL; 4°C	VOCs (8260B); pCBSA (EPA 314 Modiified)	955	G-18-20150929

Notes: 3/3 bolts missing 1/2" bolts
1/3 tabs broken

JHA Environmental

GROUNDWATER SAMPLING FORM

Well ID #: G-19A	**Purging Method:** Low-Flow	**Site:** Montrose Chemical Superfund
Well Diameter (in): 4	**Pump Model and ID:** QED Bladder	**Date:** 9-29-15
Measurement Point: TOC - North Side	**Tubing Type and Diameter:** TLPE.17X1/4 x LDPE.17x1/4	**Sampling Event:** September 2015
Installed Well Depth (ft): 204	**WQ Meter Model and ID:** YSI Pro Series Flow Cell	**Project Number:** F205
Screen Interval (ft): 160-200	**Minimum Initial Purge Volume (mL):** 1150	**Client Name:** Montrose / demaximis
Depth to LNAPL (ft): NA	**Control Box Settings**	**Client Project Number:**
Depth to Water (ft): 47.90	**CPM:** 4 **R:** 9 **D:** 6 **PSI:** 150	**Sampled By:** Eric Holmberg
Pump Set Depth (ft): 180	**Weather Conditions:** Clear / Hot	

Time (hh:mm)	Depth to Water (ft)	Flow Rate (mL/min)	Total Volume Purged (mL)	Temp. (deg C)	Cond. (mS/cm)	pH	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Observations
1035	47.96	200	1150	23.5	482	7.87	12.7	1.14	-103.9	1 System Vol. removed
1040	47.96	↓	2150	23.4	483	7.86	11.0	1.04	-106.0	
1045	47.96		3150	23.5	483	7.78	10.55	0.93	-109.8	
1050	47.96		4150	23.4	484	7.85	9.26	0.79	-111.2	
1055	47.96		5150	23.8	483	7.84	9.11	0.77	-113.0	
1100	47.96		6150	23.5	482	7.85	7.97	0.76	-112.3	

Sample Type	Quantity/Container Type	Preservative	Analysis	Sample Time	Sample Indentification
Primary	3, VOAs (40 ml); 1, 125 ml poly	HCL; 4°C	VOCs (8260B); pCBSA (EPA 314 Modified)	1105	G-19A-20150929

Notes:

JHA Environmental

GROUNDWATER SAMPLING FORM

Well ID #: G-21	**Purging Method:** Low-Flow	**Site:** Montrose Chemical Superfund
Well Diameter (in): 2	**Pump Model and ID:** QED Sample Pro Bladder Pump	**Date:** 10/1/15
Measurement Point: TOC - North Side	**Tubing Type and Diameter:** TLPE.17X1/4 x LDPE.17x1/4	**Sampling Event:** September 2015
Installed Well Depth (ft): 171	**WQ Meter Model and ID:** YSI Pro Plus + Flocell	**Project Number:** F205
Screen Interval (ft): 149-169	**Minimum Initial Purge Volume (mL):**	**Client Name:** Montrose / demaximis
Depth to LNAPL (ft): N/A	**Control Box Settings**	**Client Project Number:**
Depth to Water (ft): 58.83	**CPM:** 4 **R:** 9 **D:** 6 **PSI:** 85	**Sampled By:** Eric Morse
Pump Set Depth (ft): 159	**Weather Conditions:** Clear	

Time (hh:mm)	Depth to Water (ft)	Flow Rate (mL/min)	Total Volume Purged (mL)	Temp. (deg C)	Cond. (mS/cm)	pH	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Observations
1114	58.86	200	1000	23.1	695	7.60	12.2	1.17	-100.9	1 system volume removed
1119	58.86	200	2000	23.1	698	7.62	11.9	1.03	-106.5	
1124	58.86	200	3000	23.1	701	7.66	13.3	0.91	-110.9	
1129	58.86	200	4000	23.1	701	7.67	10.47	0.84	-113.4	
1134	58.86	200	5000	23.1	702	7.71	8.69	0.78	-117.0	
1139	58.86	200	6000	23.1	703	7.74	8.16	0.72	-119.1	
1144	58.86	200	7000	23.1	704	7.74	7.77	0.69	-120.7	
1149	58.86	200	8000	23.1	704	7.74	7.92	0.65	-121.5	

Sample Type	Quantity/Container Type	Preservative	Analysis	Sample Time	Sample Indentification
Primary	3, VOAs (40 ml); 1, 125 ml poly	HCL; 4°C	VOCs (8260B); pCBSA (EPA 314 Modified)	1150	G-21-20151001

Notes: TD- 168.73 measured

JHA Environmental

GROUNDWATER SAMPLING FORM

Well ID #: G-23	**Purging Method:** Low-Flow	**Site:** Montrose Chemical Superfund
Well Diameter (in): 4	**Pump Model and ID:** QED Bladder	**Date:** 9-29-15
Measurement Point: TOC - North Side	**Tubing Type and Diameter:** TLPE.17X1/4 x LDPE.17x1/4	**Sampling Event:** September 2015
Installed Well Depth (ft): 180	**WQ Meter Model and ID:**	**Project Number:** F205
Screen Interval (ft): 148-178	**Minimum Initial Purge Volume (mL):** 1065	**Client Name:** Montrose / demaximis
Depth to LNAPL (ft): NA	**Control Box Settings**	**Client Project Number:**
Depth to Water (ft): 47.30	**CPM:** 4 **R:** 9 **D:** 6 **PSI:** 100	**Sampled By:** Eric Wilmberg
Pump Set Depth (ft): 163	**Weather Conditions:** Clear	

Time (hh:mm)	Depth to Water (ft)	Flow Rate (mL/min)	Total Volume Purged (mL)	Temp. (deg C)	Cond. (mS/cm)	pH	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Observations
1340	47.30	200	1100	22.0	334	8.42	55.3	0.56	-101.6	1 system vol. removed
1345	47.30	|	2100	22.1	335	8.07	51.2	0.52	-97.8	
1350	47.30	|	3100	22.1	335	7.97	33.7	0.51	-100.9	
1355	47.30	|	4100	22.0	333	7.99	31.3	0.46	-101.7	
1400	47.30	|	5100	22.0	333	7.99	32.8	0.42	-108.1	

Sample Type	Quantity/Container Type	Preservative	Analysis	Sample Time	Sample Indentification
Primary	3, VOAs (40 ml); 1, 125 ml poly	HCL; 4°C	VOCs (8260B); pCBSA (EPA 314 Modified)	1405	G-23-20150929

Notes: while lowering pump it became hung up at bottom of well. Was able to free pump after 15 minutes. Well may have something at bottom of well which caused the pump to get stuck

JHA Environmental

GROUNDWATER SAMPLING FORM

Well ID #: G-24	**Purging Method:** Low-Flow	**Site:** Montrose Chemical Superfund
Well Diameter (in): 4"	**Pump Model and ID:** QED Bladder Pump	**Date:** 9/29/15
Measurement Point: TOC - North Side	**Tubing Type and Diameter:** TLPE.17X1/4 x LDPE.17x1/4	**Sampling Event:** September 2015
Installed Well Depth (ft): 182	**WQ Meter Model and ID:** YSI ProPlus Flocell	**Project Number:** F205
Screen Interval (ft): 138.3-178.3	**Minimum Initial Purge Volume (mL):** 1000	**Client Name:** Montrose / demaximis
Depth to LNAPL (ft): NA	**Control Box Settings**	**Client Project Number:**
Depth to Water (ft): 52.05	**CPM:** 2 **R:** 17 **D:** 13 **PSI:** 80	**Sampled By:** E. Morse
Pump Set Depth (ft): 158'	**Weather Conditions:** Clear	

Time (hh:mm)	Depth to Water (ft)	Flow Rate (mL/min)	Total Volume Purged (mL)	Temp. (deg C)	Cond. (mS/cm)	pH	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Observations
1350	52.06	200	1000	25.9	1040	7.64	6.08	2.38	-51.0	Removed 1 System Volume
1355	52.05	200	2000	24.4	1070	7.60	3.31	2.18	-44.9	
1400	52.05	200	3000	24.3	1107	7.64	3.35	1.23	-56.9	
1405	52.05	200	4000	24.1	1111	7.66	3.48	1.03	-62.9	
1410	52.05	200	5000	24.0	1113	7.67	3.80	0.87	-68.7	
1415	52.05	200	6000	24.1	1112	7.69	3.79	0.83	-71.9	
1420	52.05	200	7000	24.0	1115	7.70	3.69	0.80	-74.7	

Sample Type	Quantity/Container Type	Preservative	Analysis	Sample Time	Sample Indentification
Primary	3, VOAs (40 ml); 1, 125 ml poly	HCL; 4°C	VOCs (8260B); pCBSA (EPA 314 Modiified)	1420	G-24-20150929

Notes: 1/2 15/16" Bolts missing

JHA Environmental

GROUNDWATER SAMPLING FORM

Well ID #: G-25	**Purging Method:** Low-Flow	**Site:** Montrose Chemical Superfund
Well Diameter (in): 4	**Pump Model and ID:** GED Bladder	**Date:** 10-7-15
Measurement Point: TOC - North Side	**Tubing Type and Diameter:** TLPE.17X1/4 x LDPE.17x1/4	**Sampling Event:** September 2015
Installed Well Depth (ft): 169	**WQ Meter Model and ID:** YSI Pro Series Flow Cell	**Project Number:** F205
Screen Interval (ft): 124-164	**Minimum Initial Purge Volume (mL):** 820	**Client Name:** Montrose / demaximis
Depth to LNAPL (ft): NA	**Control Box Settings**	**Client Project Number:**
Depth to Water (ft): 56.60	**CPM:** 2 **R:** 16 **D:** 14 **PSI:** 150	**Sampled By:** Eric Holmberg
Pump Set Depth (ft): 144	**Weather Conditions:**	

Time (hh:mm)	Depth to Water (ft)	Flow Rate (mL/min)	Total Volume Purged (mL)	Temp. (deg C)	Cond. (mS/cm)	pH	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Observations
1023	56.60	~~200~~ 250	1000	23.1	1036	7.19	2.81	1.31	-75.4	1 system vol removed
1027	56.60	|	2000	23.1	1039	7.17	2.40	0.94	-78.1	
1031	56.60	|	3000	23.0	1041	7.16	2.33	0.82	-78.1	
1035	56.60	|	4000	22.8	1039	7.15	2.17	0.73	-75.6	
1039	56.60	—	5000	22.9	1038	7.14	2.09	0.71	-76.9	

Sample Type	Quantity/Container Type	Preservative	Analysis	Sample Time	Sample Indentification
Primary	3, VOAs (40 ml); 1, 125 ml poly	HCL; 4°C	VOCs (8260B); pCBSA (EPA 314 Modified)	1640	G-25-20151001

Notes:

JHA Environmental

Duplicate

GROUNDWATER SAMPLING FORM

Well ID #: G-26	**Purging Method:** Low-Flow	**Site:** Montrose Chemical Superfund
Well Diameter (in): 4	**Pump Model and ID:** Bladder Pump	**Date:** 9/30/15
Measurement Point: TOC - North Side	**Tubing Type and Diameter:** TLPE.17X1/4 x LDPE.17x1/4	**Sampling Event:** September 2015
Installed Well Depth (ft): 171.5	**WQ Meter Model and ID:** YSI Pro Plus Flocell	**Project Number:** F205
Screen Interval (ft): 132-172	**Minimum Initial Purge Volume (mL):** 1000 mL	**Client Name:** Montrose / demaximis
Depth to LNAPL (ft): NA	**Control Box Settings**	**Client Project Number:**
Depth to Water (ft): 46.85	**CPM:** 2 **R:** 18 **D:** 12 **PSI:**	**Sampled By:** E. Morse
Pump Set Depth (ft): 152'	**Weather Conditions:** Clear 83	

Time (hh:mm)	Depth to Water (ft)	Flow Rate (mL/min)	Total Volume Purged (mL)	Temp. (deg C)	Cond. (mS/cm)	pH	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Observations
1130	46.93	200	1000	22.7	844	7.80	4.26	1.50	-19.0	1 system volume removed
1135	46.93	200	2000	22.5	889	7.78	5.10	1.12	-37.9	
1140	46.93	200	3000	22.5	896	7.79	3.66	0.92	-52.1	
1145	46.93	200	4000	22.4	896	7.80	3.53	0.87	-58.0	
1150	46.93	200	5000	22.4	898	7.84	3.43	0.81	-63.6	
1155	46.93	200	6000	22.4	900	7.90	3.29	0.74	-69.9	
1200	46.93	200	7000	22.4	900	7.90	3.22	0.63	-75.2	
1205	46.93	200	8000	22.4	902	7.91	3.55	0.60	-79.4	
1210	46.93	200	9000	22.4	903	7.89	3.20	0.58	-81.5	

Sample Type	Quantity/Container Type	Preservative	Analysis	Sample Time	Sample Indentification
Primary	3, VOAs (40 ml); 1, 125 ml poly	HCL; 4°C	VOCs (8260B); pCBSA (EPA 314 Modified)	1210	G-26-20150930

Notes:

MS/MSD taken Dup @ 1225 G-2600-20150930

JHA Environmental

GROUNDWATER SAMPLING FORM

Well ID #: G-27	**Purging Method:** Low-Flow	**Site:** Montrose Chemical Superfund
Well Diameter (in): 4	**Pump Model and ID:** QED Bladder Pump	**Date:** 9/29/15
Measurement Point: TOC - North Side	**Tubing Type and Diameter:** TLPE.17X1/4 x LDPE.17x1/4	**Sampling Event:** September 2015
Installed Well Depth (ft): 170	**WQ Meter Model and ID:** YSI PRO Plus & Flocell	**Project Number:** F205
Screen Interval (ft): 124-164	**Minimum Initial Purge Volume (mL):** 1000	**Client Name:** Montrose / demaximis
Depth to LNAPL (ft): NA	**Control Box Settings**	**Client Project Number:**
Depth to Water (ft): 36.66	**CPM:** 4 **R:** 9 **D:** 6 **PSI:** 90	**Sampled By:** E. Morse
Pump Set Depth (ft): 144	**Weather Conditions:** clear	

Time (hh:mm)	Depth to Water (ft)	Flow Rate (mL/min)	Total Volume Purged (mL)	Temp. (deg C)	Cond. (mS/cm)	pH	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Observations
1130	36.65	200	1000	23.3	654	7.60	3.76	1.40	-12.6	
1135	36.65	200	2000	23.0	668	7.67	3.62	0.77	-43.8	
1140	36.65	200	3000	22.9	668	7.71	4.50	0.68	-52.5	
1145	36.65	200	4000	22.9	668	7.72	4.00	0.66	-56.8	
1150	36.65	200	5000	22.9	668	7.73	3.79	0.65	-57.7	

Sample Type	Quantity/Container Type	Preservative	Analysis	Sample Time	Sample Indentification
Primary	3, VOAs (40 ml); 1, 125 ml poly	HCL; 4°C	VOCs (8260B); pCBSA (EPA 314 Modiified)	1150	G-27-20150929

Notes:

JHA Environmental

GROUNDWATER SAMPLING FORM

Well ID #: G-28	**Purging Method:** Low-Flow	**Site: Montrose Chemical Superfund**
Well Diameter (in): 4	**Pump Model and ID:** QED Bladder	**Date:** 10-1-15
Measurement Point: TOC - North Side	**Tubing Type and Diameter:** TLPE.17X1/4 x LDPE.17x1/4	**Sampling Event: September 2015**
Installed Well Depth (ft): 195	**WQ Meter Model and ID:** ~~440~~ YSI Pro Series Flow Cell	**Project Number: F205**
Screen Interval (ft): 148-188	**Minimum Initial Purge Volume (mL):** 940	**Client Name: Montrose / demaximis**
Depth to LNAPL (ft): NA	**Control Box Settings**	**Client Project Number:**
Depth to Water (ft): 48.65	**CPM:** 2 **R:** 16 **D:** 14 **PSI:** 150	**Sampled By:** Eric Holmboy
Pump Set Depth (ft): 168	**Weather Conditions:** Clear	

Time (hh:mm)	Depth to Water (ft)	Flow Rate (mL/min)	Total Volume Purged (mL)	Temp. (deg C)	Cond. (mS/cm)	pH	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Observations
828	48.70	200	1000	22.2	811	7.04	5.74	1.43	-21.0	1 system vol removed
833	48.70	"	2000	22.2	814	7.09	5.87	1.26	-35.7	
838	48.70	"	3000	22.1	813	7.14	4.86	1.04	-50.1	
843	48.70	"	4000	22.0	812	7.19	4.70	0.87	-59.7	
848	48.70	"	5000	22.1	812	7.20	4.66	0.85	-62.4	
853	48.70	—	6000	22.0	812	7.21	4.31	0.80	-65.0	

Sample Type	Quantity/Container Type	Preservative	Analysis	Sample Time	Sample Indentification
Primary	3, VOAs (40 ml); 1, 125 ml poly	HCL; 4°C	VOCs (8260B); pCBSA (EPA 314 Modified)	855	G-28-20150901

Notes:

0.74

JHA Environmental

GROUNDWATER SAMPLING FORM

Well ID #: G-29	**Purging Method:** Low-Flow	**Site:** Montrose Chemical Superfund
Well Diameter (in): 4	**Pump Model and ID:** GRUNDFOS - MP.50	**Date:** 10/2/15
Measurement Point: TOC - North Side	**Tubing Type and Diameter:** TLPE.17X1/4 x LDPE.17x1/4	**Sampling Event:** September 2015
Installed Well Depth (ft): 200	**WQ Meter Model and ID:** HORIBA U52	**Project Number:** F205
Screen Interval (ft): 157-197	**Minimum Initial Purge Volume (mL):**	**Client Name:** Montrose / demaximis
Depth to LNAPL (ft): N/A	**Control Box Settings**	**Client Project Number:** N/A
Depth to Water (ft): 47.92	**CPM:** 4 **R:** 7.5 **D:** 7.5 **PSI:** 120	**Sampled By:** CW
Pump Set Depth (ft): 177'	**Weather Conditions:** SUNNY 80°F	

Time (hh:mm)	Depth to Water (ft)	Flow Rate (mL/min)	Total Volume Purged (mL)	Temp. (deg C)	Cond. (mS/cm)	pH	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Observations
900	47.92	200	2000	23.52	0.980	6.21	0.0	0.22	150	CLEAR / NO ODOR
905	48.16	200	3000	22.96	0.960	6.96	0.0	0.10	113	CLEAR / NO ODOR
910	48.16	200	4000	22.96	0.953	6.99	0.0	0.00	113	CLEAR / NO ODOR
920	48.16	200	5000	22.95	0.952	6.99	0.0	0.00	114	CLEAR / NO ODOR
930	48.16	200	6000	22.94	0.953	7.00	0.0	0.00	112	CLEAR / NO ODOR
940	48.16	200	7000	22.95	0.952	7.01	0.0	0.00	114	CLEAR / NO ODOR

Sample Type	Quantity/Container Type	Preservative	Analysis	Sample Time	Sample Indentification
Primary	3, VOAs (40 ml); 1, 125 ml poly	HCL; 4°C	VOCs (8260B); pCBSA (EPA 314 Modified)	945	G-29-20151002

Notes: 850 STARTED PURGING; PURGED 200mL @ 200mL BEFORE TAKING PARAMETERS

JHA Environmental

GROUNDWATER SAMPLING FORM

Well ID #: G-30	**Purging Method:** Low-Flow	**Site:** Montrose Chemical Superfund
Well Diameter (in): 4	**Pump Model and ID:** QED Bladder Pump	**Date:** 9/30/15
Measurement Point: TOC - North Side	**Tubing Type and Diameter:** TLPE.17X1/4 x LDPE.17x1/4	**Sampling Event:** September 2015
Installed Well Depth (ft): 202	**WQ Meter Model and ID:** YSI ProPlus + Flocell	**Project Number:** F205
Screen Interval (ft): 135-165	**Minimum Initial Purge Volume (mL):** 7000	**Client Name:** Montrose / demaximis
Depth to LNAPL (ft): N/A	**Control Box Settings**	**Client Project Number:**
Depth to Water (ft): 55.60	**CPM:** 2 **R:** 20 **D:** 10 **PSI:** 85	**Sampled By:** E. Morse
Pump Set Depth (ft): 150	**Weather Conditions:** Clear	

Time (hh:mm)	Depth to Water (ft)	Flow Rate (mL/min)	Total Volume Purged (mL)	Temp. (deg C)	Cond. (mS/cm)	pH	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Observations
922	55.68	200	1000	22.2	1119	7.17	8.37	1.99	47.2	1 system volume removed
927	55.68	200	2000	22.2	1118	7.19	6.96	1.70	46.8	
932	55.68	200	3000	22.2	1118	7.23	6.80	1.57	45.9	
937	55.68	200	4000	22.2	1118	7.24	4.94	1.54	45.6	
942	55.68	200	5000	22.2	1119	7.27	4.71	1.37	46.0	
947	55.68	200	6000	22.2	1120	7.26	4.69	1.33	46.4	
952	55.68	200	7000	22.2	1120	7.26	4.	1.30	47.2	

Sample Type	Quantity/Container Type	Preservative	Analysis	Sample Time	Sample Indentification
Primary	3, VOAs (40 ml); 1, 125 ml poly	HCL; 4°C	VOCs (8260B); pCBSA (EPA 314 Modiified)	952	G-30-20150930

Notes: white suburban parked our frequently lives second house on E. side of street.

JHA Environmental

GROUNDWATER SAMPLING FORM

Well ID #: G-31	**Purging Method:** Low-Flow	**Site:** Montrose Chemical Superfund
Well Diameter (in): 4	**Pump Model and ID:** QED · MP · 50	**Date:** 10/2/15
Measurement Point: TOC - North Side	**Tubing Type and Diameter:** TLPE.17X1/4 x LDPE.17x1/4	**Sampling Event:** September 2015
Installed Well Depth (ft): 211	**WQ Meter Model and ID:** Horiba U-52	**Project Number:** F205
Screen Interval (ft): 145-175	**Minimum Initial Purge Volume (mL):**	**Client Name:** Montrose / demaximis
Depth to LNAPL (ft): N/A	**Control Box Settings**	**Client Project Number:** F.205
Depth to Water (ft): 57.95	**CPM:** 4 **R:** 7.5 **D:** 7.5 **PSI:** 120'	**Sampled By:** KW
Pump Set Depth (ft): 165	**Weather Conditions:**	

Time (hh:mm)	Depth to Water (ft)	Flow Rate (mL/min)	Total Volume Purged (mL)	Temp. (deg C)	Cond. (mS/cm)	pH	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Observations
1030	53.01	200	2000	25.89	0.754	7.28	94.1	0.00	90	CLEAR / NO ODOR
1035	53.02	200	3000	26.59	0.753	7.20	40.2	0.00	68	CLEAR / NO ODOR
1040	53.02	200	4000	26.70	0.752	7.17	24.6	0.00	63	CLEAR / NO ODOR
1045	53.02	200	5000	26.70	0.751	7.16	22.4	0.00	63	CLEAR / NO ODOR
1050	53.02	200	6000	26.70	0.751	7.17	22.2	0.00	62	CLEAR / NO ODOR
1055	53.02	200	7000	26.71	0.751	7.16	22.2	0.00	62	CLEAR / NO ODOR

Sample Type	Quantity/Container Type	Preservative	Analysis	Sample Time	Sample Indentification
Primary	3, VOAs (40 ml); 1, 125 ml poly	HCL; 4°C	VOCs (8260B); pCBSA (EPA 314 Modified)	1100	~~G-30~~ G31-20151002

Notes: 9/30/15 - ~~car~~ red toyota Rav4 parked over well

10/1/15 950 - same car, knocked on doors, unable to have moved, no one knew car owner

PURGED ~2000 mL BEFORE TAKING READINGS STARTED PURGING @ 1020

NS

JHA Environmental

GROUNDWATER SAMPLING FORM

Well ID #: G-32	**Purging Method:** Low-Flow	**Site: Montrose Chemical Superfund**
Well Diameter (in): 4	**Pump Model and ID:** QED Bladder	**Date:** 9-30-15
Measurement Point: TOC - North Side	**Tubing Type and Diameter:** TLPE.17X1/4 x LDPE.17x1/4	**Sampling Event:** September 2015
Installed Well Depth (ft): 201	**WQ Meter Model and ID:** YSI Pro Series Flow Cell	**Project Number:** F205
Screen Interval (ft): 160-190	**Minimum Initial Purge Volume (mL):** 1125	**Client Name:** Montrose / demaximis
Depth to LNAPL (ft): NA	**Control Box Settings**	**Client Project Number:**
Depth to Water (ft): 49.43	**CPM:** 4 **R:** 9 **D:** 6 **PSI:** 145	**Sampled By:** Eric Holmberg
Pump Set Depth (ft): 175'	**Weather Conditions:** Clear	

Time (hh:mm)	Depth to Water (ft)	Flow Rate (mL/min)	Total Volume Purged (mL)	Temp. (deg C)	Cond. (mS/cm)	pH	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Observations
1153	49.43	~~200~~ 200	1200	23.7	559	7.55	39.6	1.63	-11.5	1 system vol removed
1159	49.43	↑	2400	23.5	564	7.33	37.2	1.28	-7.5	
1205	49.43	|	3600	23.5	564	7.22	31.9	1.05	-7.5	
1211	49.43	|	4800	23.3	566	7.24	22.6	0.96	-14.2	
1217	49.43	|	6000	23.4	565	7.26	20.1	0.84	-15.1	
1223	49.43	↓	7200	23.4	566	7.26	19.2	0.83	-14.8	

Sample Type	Quantity/Container Type	Preservative	Analysis	Sample Time	Sample Indentification
Primary	3, VOAs (40 ml); 1, 125 ml poly	HCL; 4°C	VOCs (8260B); pCBSA (EPA 314 Modified)	1225	G-32-20150930

Notes:

JHA Environmental

GROUNDWATER SAMPLING FORM

Well ID #: G-33	**Purging Method:** Low-Flow	**Site:** Montrose Chemical Superfund
Well Diameter (in): 4	**Pump Model and ID:** QED Bladder Pump	**Date:** 9/30/15
Measurement Point: TOC - North Side	**Tubing Type and Diameter:** TLPE.17X1/4 x LDPE.17x1/4	**Sampling Event:** September 2015
Installed Well Depth (ft): 201	**WQ Meter Model and ID:** YSI ProPlus Flocell	**Project Number:** F205
Screen Interval (ft): 143-173	**Minimum Initial Purge Volume (mL):** 1000	**Client Name:** Montrose / demaximis
Depth to LNAPL (ft): NA	**Control Box Settings**	**Client Project Number:**
Depth to Water (ft): 60.92	**CPM:** 2 **R:** 18 **D:** 12 **PSI:** 80	**Sampled By:** Eric Morse
Pump Set Depth (ft): 158'	**Weather Conditions:**	

Time (hh:mm)	Depth to Water (ft)	Flow Rate (mL/min)	Total Volume Purged (mL)	Temp. (deg C)	Cond. (mS/cm)	pH	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Observations
820	60.84 JJ	200	1000	23.0	623	7.34	14.3	2.06	41.6	1 system volume removed
825	60.84	200	2000	23.0	638	7.33	6.56	1.34	-17.6	
830	60.84	200	3000	22.9	643	7.38	4.12	1.09	-32.2	
835	60.84	200	4000	22.9	643	7.39	4.14	0.97	-54.3	
840	60.84	200	5000	22.9	645	7.43	3.33	0.85	-67.9	
845	60.84	200	6000	22.9	646	7.46	3.20	0.75	-81.6	
850	60.84	200	7000	22.9	646	7.47	3.17	0.80	-83.9	
855	60.84	200	8000	22.9	646	7.47	3.04	0.73	-85.7	

Sample Type	Quantity/Container Type	Preservative	Analysis	Sample Time	Sample Indentification
Primary	3, VOAs (40 ml); 1, 125 ml poly	HCL; 4°C	VOCs (8260B); pCBSA (EPA 314 Modified)	855	G-33-20150930

Notes: well located ± 30' west of G-33 - map is reversed. Paint on ground is incorrect. Confirmed using total depths. Bladder Broke upon removal from pump.

JHA Environmental

GROUNDWATER SAMPLING FORM

Well ID #: G-34	**Purging Method:** Low-Flow	**Site:** Montrose Chemical Superfund
Well Diameter (in): 4	**Pump Model and ID:** QED Bladder	**Date:** 10-1-15
Measurement Point: TOC - North Side	**Tubing Type and Diameter:** TLPE.17X1/4 x LDPE.17x1/4	**Sampling Event:** September 2015
Installed Well Depth (ft): 198	**WQ Meter Model and ID:** YSI Pro Series Flow Cell	**Project Number:** F205
Screen Interval (ft): 147-187	**Minimum Initial Purge Volume (mL):** 935	**Client Name:** Montrose / demaximis
Depth to LNAPL (ft): NA	**Control Box Settings**	**Client Project Number:**
Depth to Water (ft): 52.46	**CPM:** 2 **R:** 16 **D:** 14 **PSI:** 150	**Sampled By:** Eric Nilsen
Pump Set Depth (ft): 167	**Weather Conditions:** clear	

Time (hh:mm)	Depth to Water (ft)	Flow Rate (mL/min)	Total Volume Purged (mL)	Temp. (deg C)	Cond. (mS/cm)	pH	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Observations
916	52.53	200	1000	23.1	673	7.47	7.06	1.61	-41.0	1 system Vol. removed
921	52.53		2000	23.1	673	7.46	6.68	1.23	-54.6	
926	52.53		3000	23.1	673	7.46	6.02	1.07	-59.3	
931	52.53		4000	23.1	674	7.46	5.88	0.98	-61.6	
936	52.53		5000	23.1	673	7.46	5.77	0.94	-62.9	

Sample Type	Quantity/Container Type	Preservative	Analysis	Sample Time	Sample Indentification
Primary	3, VOAs (40 ml); 1, 125 ml poly	HCL; 4°C	VOCs (8260B); pCBSA (EPA 314 Modified)	940	G-34-20151001

Notes:

NS

JHA Environmental

GROUNDWATER SAMPLING FORM

Well ID #: G-35	**Purging Method:** Low-Flow	**Site:** Montrose Chemical Superfund
Well Diameter (in): 4	**Pump Model and ID:** QED Bladder	**Date:** 9-30-15
Measurement Point: TOC - North Side	**Tubing Type and Diameter:** TLPE.17X1/4 x LDPE.17x1/4	**Sampling Event:** September 2015
Installed Well Depth (ft): 210	**WQ Meter Model and ID:** YSI Pro Series Flow Cell	**Project Number:** F205
Screen Interval (ft): 150-190	**Minimum Initial Purge Volume (mL):** 1100	**Client Name:** Montrose / demaximis
Depth to LNAPL (ft): NA	**Control Box Settings**	**Client Project Number:**
Depth to Water (ft): 44.48	**CPM:** 4 **R:** 9 **D:** 6 **PSI:** 145	**Sampled By:** Eric Wilmbey
Pump Set Depth (ft): 170'	**Weather Conditions:** Clear	

Time (hh:mm)	Depth to Water (ft)	Flow Rate (mL/min)	Total Volume Purged (mL)	Temp. (deg C)	Cond. (mS/cm)	pH	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Observations
805	44.48	200	1100	23.2	1244	6.89	9.43	1.84	59.0	1 system vol. removed
810	44.48		2100	22.7	1267	6.91	8.72	1.32	59.5	
815	44.48		3100	22.7	1269	6.92	6.95	1.11	57.4	
820	44.48		4100	22.7	1270	6.91	6.41	0.97	55.1	
825	44.48		5100	22.7	1271	6.92	6.27	0.85	50.0	
830	44.48		6100	22.7	1270	6.92	5.77	0.81	48.9	

Sample Type	Quantity/Container Type	Preservative	Analysis	Sample Time	Sample Indentification
Primary	3, VOAs (40 ml); 1, 125 ml poly	HCL; 4°C	VOCs (8260B); pCBSA (EPA 314 Modified)	835	G-35-20150930

Notes:

JHA Environmental

GROUNDWATER SAMPLING FORM

Well ID #: G-OW-3	**Purging Method:** Low-Flow	**Site:** Montrose Chemical Superfund
Well Diameter (in): 2	**Pump Model and ID:** QED Bladder	**Date:** 9-29-15
Measurement Point: TOC - North Side	**Tubing Type and Diameter:** TLPE.17X1/4 x LDPE.17x1/4	**Sampling Event:** September 2015
Installed Well Depth (ft): 160	**WQ Meter Model and ID:** YSI Pro Series Flow Cell	**Project Number:** F205
Screen Interval (ft): 145-155	**Minimum Initial Purge Volume (mL):** 1000	**Client Name:** Montrose / demaximis
Depth to LNAPL (ft): NA	**Control Box Settings**	**Client Project Number:**
Depth to Water (ft): 41.70	**CPM:** 4 **R:** 9 **D:** 6 **PSI:** 125	**Sampled By:** Eric Nolmberg
Pump Set Depth (ft): 150	**Weather Conditions:** Clear	

Time (hh:mm)	Depth to Water (ft)	Flow Rate (mL/min)	Total Volume Purged (mL)	Temp. (deg C)	Cond. (mS/cm)	pH	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Observations
1214	41.98	200	1000	23.7	540	7.55	51.7	1.28	-132.6	1 system vol. removed
1219	41.98		2000	23.5	546	7.38	47.2	1.02	-127.8	
1224	41.98		3000	23.4	548	7.29	45.5	0.87	-124.4	
1229	41.98		4000	23.3	550	7.25	48.3	0.78	-124.6	
1234	41.98		5000	23.3	550	7.29	47.1	0.78	-125.1	

Sample Type	Quantity/Container Type	Preservative	Analysis	Sample Time	Sample Indentification
Primary	3, VOAs (40 ml); 1, 125 ml poly	HCL; 4°C	VOCs (8260B); pCBSA (EPA 314 Modiified)	1235	G-OW-3-20150929

Notes:

JHA Environmental

GROUNDWATER SAMPLING FORM

Well ID #: LG-01	**Purging Method:** Low-Flow	**Site:** Montrose Chemical Superfund
Well Diameter (in): 4	**Pump Model and ID:** QED Sample Pro Bladder Pump	**Date:** 10/1/15
Measurement Point: TOC - North Side	**Tubing Type and Diameter:** TLPE.17X1/4 x LDPE.17x1/4	**Sampling Event:** September 2015
Installed Well Depth (ft): 211	**WQ Meter Model and ID:** YSI ProPlus + Flocell	**Project Number:** F205
Screen Interval (ft): 88.5-209	**Minimum Initial Purge Volume (mL):** 1000	**Client Name:** Montrose / demaximis
Depth to LNAPL (ft): NA -	**Control Box Settings**	**Client Project Number:**
Depth to Water (ft): 54.35	**CPM:** 2 **R:** 17 **D:** 13 **PSI:** 85	**Sampled By:** E. Mersha
Pump Set Depth (ft): 149	**Weather Conditions:** Clear	

Time (hh:mm)	Depth to Water (ft)	Flow Rate (mL/min)	Total Volume Purged (mL)	Temp. (deg C)	Cond. (mS/cm) 320.3	pH	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Observations
949	54.58	250	~~1250~~	24.3	~~8.20~~	8.20	5.73	0.96	-7.6	removed 1 system volume.
954	54.89	250	2500	24.3	320.9	8.27	4.38	0.58	-19.0	reduced flow rate, let stab pump to
~~959~~ 1000	~~55.00~~	~~250~~ 200	~~3750~~ 3500	24.7	321.2	8.36	7.24	1.11	-22.2	check recharge rate: 0.03 in 5 min
~~1004~~ 1010	~~55.28~~	~~250~~ 200	~~5000~~ 4500	24.4	320.1	8.25	7.94	0.74	-29.9	Purge to stabilization
~~1009~~ 1015	~~55.47~~	~~250~~ 200	~~6250~~ 5500	24.3	320.2	8.25	7.21	0.62	-47.2	
1020	55.68	200	6500	24.4	319.9	8.27	7.08	0.55	-65.3	dtw continues to fall.
1025	55.78	200	7500	24.4	320.0	8.26	7.22	0.49	-82.2	Cont. purge until dtw stabilizes, then by
1038	56.31	150	12000	24.5	320.0	8.38	6.36	0.42	-128.0	Parameters again:
1043	56.31	150	12750	24.5	320.1	8.40	6.25	0.45	-127.0	
1048	56.31	150	13500	24.5	320.3	8.40	6.67	0.47	-125.0	
1053	56.31	150	14250	24.5	320.6	8.40	6.94	0.46	-124.8	
1058	56.31	150	15000	24.5	320.3	8.40	6.99	0.47	-124.8	

Sample Type	Quantity/Container Type	Preservative	Analysis	Sample Time	Sample Indentification
Primary	3, VOAs (40 ml); 1, 125 ml poly	HCL; 4°C	VOCs (8260B); pCBSA (EPA 314 Modified)	1058	LG-01-20151001

Notes: 149' tubing @ 5mL/1' = 745mL + 100mL Bladder = 845 system volume.

JHA Environmental

Duplicate

GROUNDWATER SAMPLING FORM

Well ID #: LG-02	**Purging Method:** Low-Flow	**Site:** Montrose Chemical Superfund
Well Diameter (in): 4	**Pump Model and ID:** QED SamplePro Bladder Pump	**Date:** 10/1/15
Measurement Point: TOC - North Side	**Tubing Type and Diameter:** TLPE.17X1/4 x LDPE.17x1/4	**Sampling Event:** September 2015
Installed Well Depth (ft): 207	**WQ Meter Model and ID:** YSI ProPlus Flocell	**Project Number:** F205
Screen Interval (ft): 185-205	**Minimum Initial Purge Volume (mL):**	**Client Name:** Montrose / demaximis
Depth to LNAPL (ft): NA	**Control Box Settings**	**Client Project Number:**
Depth to Water (ft): 55.76	**CPM:** 2 **R:** 17 **D:** 13 **PSI:** 100	**Sampled By:** E. Morse
Pump Set Depth (ft): 195	**Weather Conditions:** Clear windy	

Time (hh:mm)	Depth to Water (ft)	Flow Rate (mL/min)	Total Volume Purged (mL)	Temp. (deg C)	Cond. (mS/cm)	pH	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Observations
1330	55.80	200	1000	24.7	684	7.91	6.63	1.73	-60.0	removed 1 system volun
1335	55.80	200	2000	24.8	681	7.93	6.25	1.55	-69.9	
1340	55.80	200	3000	24.6	679	7.95	5.63	1.37	-73.3	
1345	55.80	200	4000	24.6	677	7.98	5.41	1.20	-82.5	
1350	55.80	200	5000	24.6	677	8.01	5.96	1.03	-90.9	
1355	55.80	200	6000	24.6	678	8.03	4.84	0.96	-94.5	
1400	55.80	200	7000	24.5	678	8.04	4.55	0.93	-95.8	
1405	55.80	200	8000	24.5	677	8.05	4.43	0.92	-96.7	

Sample Type	Quantity/Container Type	Preservative	Analysis	Sample Time	Sample Indentification
Primary	3, VOAs (40 ml); 1, 125 ml poly	HCL; 4°C	VOCs (8260B); pCBSA (EPA 314 Modified)	1405	LG-02-20151001

Notes: LG-0200-20151001 Dup taken @1420

3400

JHA Environmental

GROUNDWATER SAMPLING FORM

Well ID #: LW-01	**Purging Method:** Low-Flow	**Site: Montrose Chemical Superfund**
Well Diameter (in): 4	**Pump Model and ID:** QED Bladder	**Date:** 10-1-15
Measurement Point: TOC - North Side	**Tubing Type and Diameter:** TLPE.17X1/4 x LDPE.17x1/4	**Sampling Event: September 2015**
Installed Well Depth (ft): 251	**WQ Meter Model and ID:** YSI Pro Series Flow Cell	**Project Number: F205**
Screen Interval (ft): 230-250	**Minimum Initial Purge Volume (mL):** 1300	**Client Name: Montrose / demaximis**
Depth to LNAPL (ft): NA	**Control Box Settings**	**Client Project Number:**
Depth to Water (ft): 64.64	**CPM:** 2 **R:** 16 **D:** 14 **PSI:** 155	**Sampled By:** Eric Holmberg
Pump Set Depth (ft): 240	**Weather Conditions:** Clear	

Time (hh:mm)	Depth to Water (ft)	Flow Rate (mL/min)	Total Volume Purged (mL)	Temp. (deg C)	Cond. (mS/cm)	pH	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Observations
1339	64.64	200	1300	25.2	365	7.53	82.3	2.60	-18.8	1 System vol removed
1344	64.64	↓	2300	25.0	365	7.32	46.2	2.20	-51.8	
1349	64.64	↓	3300	25.1	364	7.23	47.9	1.90	-55.8	
1355	64.64	225	4650	25.2	364	7.22	45.3	1.93	-60.5	
1401	64.64	↓	6000	25.0	365	7.23	45.0	1.76	-64.8	

Sample Type	Quantity/Container Type	Preservative	Analysis	Sample Time	Sample Indentification
Primary	3, VOAs (40 ml); 1, 125 ml poly	HCL; 4°C	VOCs (8260B); pCBSA (EPA 314 Modified)	1405	LW-01-20151001

Notes:

JHA Environmental

GROUNDWATER SAMPLING FORM

Well ID #: LW-02	**Purging Method:** Low-Flow	**Site: Montrose Chemical Superfund**
Well Diameter (in): 4	**Pump Model and ID:** QED MP-50	**Date:** 10/2/15
Measurement Point: TOC - North Side	**Tubing Type and Diameter:** TLPE.17X1/4 x LDPE.17x1/4	**Sampling Event:** September 2015
Installed Well Depth (ft): 253	**WQ Meter Model and ID:** Horiba U-52	**Project Number:** F205
Screen Interval (ft): 232-252	**Minimum Initial Purge Volume (mL):**	**Client Name:** Montrose / demaximis
Depth to LNAPL (ft): N/A	**Control Box Settings**	**Client Project Number:** N/A
Depth to Water (ft): ~~61.99~~	**CPM:** 4 **R:** 10 **D:** 5 **PSI:** 120	**Sampled By:** LW
Pump Set Depth (ft): 240'	**Weather Conditions:** SUNNY / 88°F	

Time (hh:mm)	Depth to Water (ft)	Flow Rate (mL/min)	Total Volume Purged (mL)	Temp. (deg C)	Cond. (mS/cm)	pH	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Observations
1234	62.03	150	2100	28.21	0.353	7.45	17.6	0.00	-116	CLEAR / NO ODOR
1241	62.04	150	2850	29.62	0.353	7.45	14.8	0.00	-127	CLEAR / NO ODOR
1248	62.04	150	3800	30.02	0.353	7.46	14.0	0.00	-130	CLEAR / NO ODOR
1255	62.04	150	4550	30.02	0.352	7.46	15.6	0.00	-131	CLEAR / NO ODOR
1302	62.04	150	5400	30.01	0.351	7.46	15.5	0.00	-132	CLEAR / NO ODOR
~~1309~~ 1309	62.04	150	6250	30.0	0.351	7.46	15.4	0.00	-132	CLEAR / NO ODOR
1309 LW	~~62.04~~	~~150~~								

Sample Type	Quantity/Container Type	Preservative	Analysis	Sample Time	Sample Indentification
Primary	3, VOAs (40 ml); 1, 125 ml poly	HCL; 4°C	VOCs (8260B); pCBSA (EPA 314 Modified)	~~1310~~ 1315	LW-02-2015/002

Notes: STARTED PURGING @ 1230. PURGED 2000 mL @ ~~2200~~ mL 150 ML

@

JHA Environmental

Duplicate

GROUNDWATER SAMPLING FORM

Well ID #: LW-04	**Purging Method:** Low-Flow	**Site: Montrose Chemical Superfund**
Well Diameter (in): 4	**Pump Model and ID:** QED Bladder	**Date:** 9-30-15
Measurement Point: TOC - North Side	**Tubing Type and Diameter:** TLPE.17X1/4 x LDPE.17x1/4	**Sampling Event: September 2015**
Installed Well Depth (ft): 246	**WQ Meter Model and ID:** YSI Pro Series Flow Cell	**Project Number: F205**
Screen Interval (ft): 225-245	**Minimum Initial Purge Volume (mL):** 1425	**Client Name: Montrose / demaximis**
Depth to LNAPL (ft): NA	**Control Box Settings**	**Client Project Number:**
Depth to Water (ft): 62.38	**CPM:** 2 **R:** 16 **D:** 14 **PSI:** 155	**Sampled By:** Eric Holmberg
Pump Set Depth (ft): 235	**Weather Conditions:** Clear / Hot	

Time (hh:mm)	Depth to Water (ft)	Flow Rate (mL/min)	Total Volume Purged (mL)	Temp. (deg C)	Cond. (mS/cm)	pH	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Observations
1421	62.38	300	1500	24.6	399	~~7.76~~ 6.56	6.27	2.27	-77.5	1 system vol removed
1426	62.38	↓	3000	24.7	399	6.57	6.11	2.01	-76.1	
1431	62.38		4500	24.7	398	6.56	6.02	1.84	-77.9	
1436	62.38		6000	24.5	399	6.58	5.79	1.62	-80.0	
1441	62.38		7500	24.6	400	6.59	5.63	1.55	-81.7	
1446	62.38	↓	9000	24.5	399	6.60	5.61	1.50	-82.3	

Sample Type	Quantity/Container Type	Preservative	Analysis	Sample Time	Sample Indentification
Primary	3, VOAs (40 ml); 1, 125 ml poly	HCL; 4°C	VOCs (8260B); pCBSA (EPA 314 Modified)	1450	LW-04-20150930

Notes:

JHA Environmental

GROUNDWATER SAMPLING FORM

Well ID #: LW-05	**Purging Method:** Low-Flow	**Site:** Montrose Chemical Superfund
Well Diameter (in): 4	**Pump Model and ID:** QED SamplePro Bladder Pump	**Date:** 9/30/15
Measurement Point: TOC - North Side	**Tubing Type and Diameter:** TLPE.17X1/4 x LDPE.17x1/4	**Sampling Event:** September 2015
Installed Well Depth (ft): 251	**WQ Meter Model and ID:** YSI Pro Plus Flocell	**Project Number:** F205
Screen Interval (ft): 230-250	**Minimum Initial Purge Volume (mL):** 1300	**Client Name:** Montrose / demaximis
Depth to LNAPL (ft): NA	**Control Box Settings**	**Client Project Number:**
Depth to Water (ft): 66.10	**CPM:** 2 **R:** 17 **D:** 13 **PSI:** 150	**Sampled By:** Eric MacR
Pump Set Depth (ft): 240	**Weather Conditions:** Clear	

Time (hh:mm)	Depth to Water (ft)	Flow Rate (mL/min)	Total Volume Purged (mL)	Temp. (deg C)	Cond. (mS/cm)	pH	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Observations
850	66.10	250	2000	24.8	435.8	7.24	19.4	3.73	41.3	Removed 1 system volume
855	66.10	250	3250	24.8	432.6	7.26	8.63	2.87	7.2	
900	66.10	250	4500	24.9	432.5	7.29	4.37	2.38	-17.3	
905	66.10	250	5750	24.8	432.6	7.31	3.96	1.96	-39.9	
910	66.10	250	~~7000~~ 6800	24.8	432.5	7.32	3.69	1.65	-44.6	
915	66.10	250	~~8250~~ 8050	24.8	432.5	7.32	3.55	1.68	-42.6	
920	66.10	250	~~9500~~ 8300	24.8	432.5	7.32	3.90	1.63	-40.9	

Sample Type	Quantity/Container Type	Preservative	Analysis	Sample Time	Sample Indentification
Primary	3, VOAs (40 ml); 1, 125 ml poly	HCL; 4°C	VOCs (8260B); pCBSA (EPA 314 Modified)	920	LW-05-20150901

Notes: 839 - Pulled transducer

20.5

JHA Environmental

GROUNDWATER SAMPLING FORM

Well ID #: LW-06	**Purging Method:** Low-Flow	**Site: Montrose Chemical Superfund**
Well Diameter (in): 4	**Pump Model and ID:** QED · MP-50	**Date:** 9/29/15
Measurement Point: TOC - North Side	**Tubing Type and Diameter:** TLPE.17X1/4 x LDPE.17x1/4	**Sampling Event:** September 2015
Installed Well Depth (ft): 256	**WQ Meter Model and ID:** HORIBA U-52	**Project Number:** F205
Screen Interval (ft): 235-255	**Minimum Initial Purge Volume (mL):**	**Client Name:** Montrose / demaximis
Depth to LNAPL (ft): N/A	**Control Box Settings**	**Client Project Number:**
Depth to Water (ft): 66.35'	**CPM:** 4 **R:** 7.5 **D:** 7.5 **PSI:** 130"	**Sampled By:** LW
Pump Set Depth (ft): 245'	**Weather Conditions:**	

Time (hh:mm)	Depth to Water (ft)	Flow Rate (mL/min)	Total Volume Purged (mL)	Temp. (deg C)	Cond. (mS/cm)	pH	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Observations
1315	66.41	160	2080	29.12	0.512	7.76	20.4	4.90	0	CLEAR / NO ODOR
1320	66.41	160	2880	28.61	0.510	7.42	18.6	4.41	-8.2	CLEAR / NO ODOR
1325	66.42	160	3680	28.47	0.511	7.41	16.8	4.40	-10.1	CLEAR / NO ODOR
1330	66.44	160	4480	28.45	0.511	7.40	16.7	4.38	-9.2	CLEAR / NO ODOR
1335	66.44	160	5280	28.47	0.511	7.41	16.0	4.39	-8.1	CLEAR / NO ODOR
1340	66.44	160	6080	28.47	0.511	7.41	15.1	4.40	-8.2	CLEAR / NO ODOR

Sample Type	Quantity/Container Type	Preservative	Analysis	Sample Time	Sample Indentification
Primary	3, VOAs (40 ml); 1, 125 ml poly	HCL; 4°C	VOCs (8260B); pCBSA (EPA 314 Modiified)	1345	LW-06-2015 0929

Notes: STARTED PURGING · 1300
PURGED 2000 ML

JHA Environmental

GROUNDWATER SAMPLING FORM

Well ID #: LW-07	**Purging Method:** Low-Flow	**Site:** Montrose Chemical Superfund
Well Diameter (in): 4	**Pump Model and ID:** QED MP-50	**Date:** 9/29/15
Measurement Point: TOC - North Side	**Tubing Type and Diameter:** TLPE.17X1/4 x LDPE.17x1/4	**Sampling Event:** September 2015
Installed Well Depth (ft): 251	**WQ Meter Model and ID:** HORIBA U-52	**Project Number:** F205
Screen Interval (ft): 230-250	**Minimum Initial Purge Volume (mL):**	**Client Name:** Montrose / demaximis
Depth to LNAPL (ft): N/A	**Control Box Settings**	**Client Project Number:**
Depth to Water (ft): 68.35	**CPM:** 4 **R:** 7.5 **D:** 2.5 **PSI:** D/30'	**Sampled By:** LW
Pump Set Depth (ft): 240'	**Weather Conditions:**	

Time (hh:mm)	Depth to Water (ft)	Flow Rate (mL/min)	Total Volume Purged (mL)	Temp. (deg C)	Cond. (mS/cm)	pH	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Observations
1145	68.40	160	~~4000~~ 3200	26.92	0.339	8.00	12.3	+1.65	59	CLOUDY / NO ODOR
1150	68.41	160	4000	26.16	0.394	6.63	12.2	1.23	6	CLEAR / NO ODOR
1155	68.41	160	4800	26.12	0.393	6.54	12.1	1.23	3	CLEAR / NO ODOR
1200	68.41	160	5600	26.10	0.393	6.52	12.1	1.21	3	CLEAR / NO ODOR
1205	68.41	160	6400	26.11	0.392	6.51	12.1	1.20	2	

Sample Type	Quantity/Container Type	Preservative	Analysis	Sample Time	Sample Indentification
Primary	3, VOAs (40 ml); 1, 125 ml poly	HCL; 4°C	VOCs (8260B); pCBSA (EPA 314 Modiified)	1210	LW-07-20150929

Notes: PURGED BLADDER & TUBING. STARTED TAKING DATA AFTER ~~4000~~ 3200 mL
STARTED PURGING 1130.