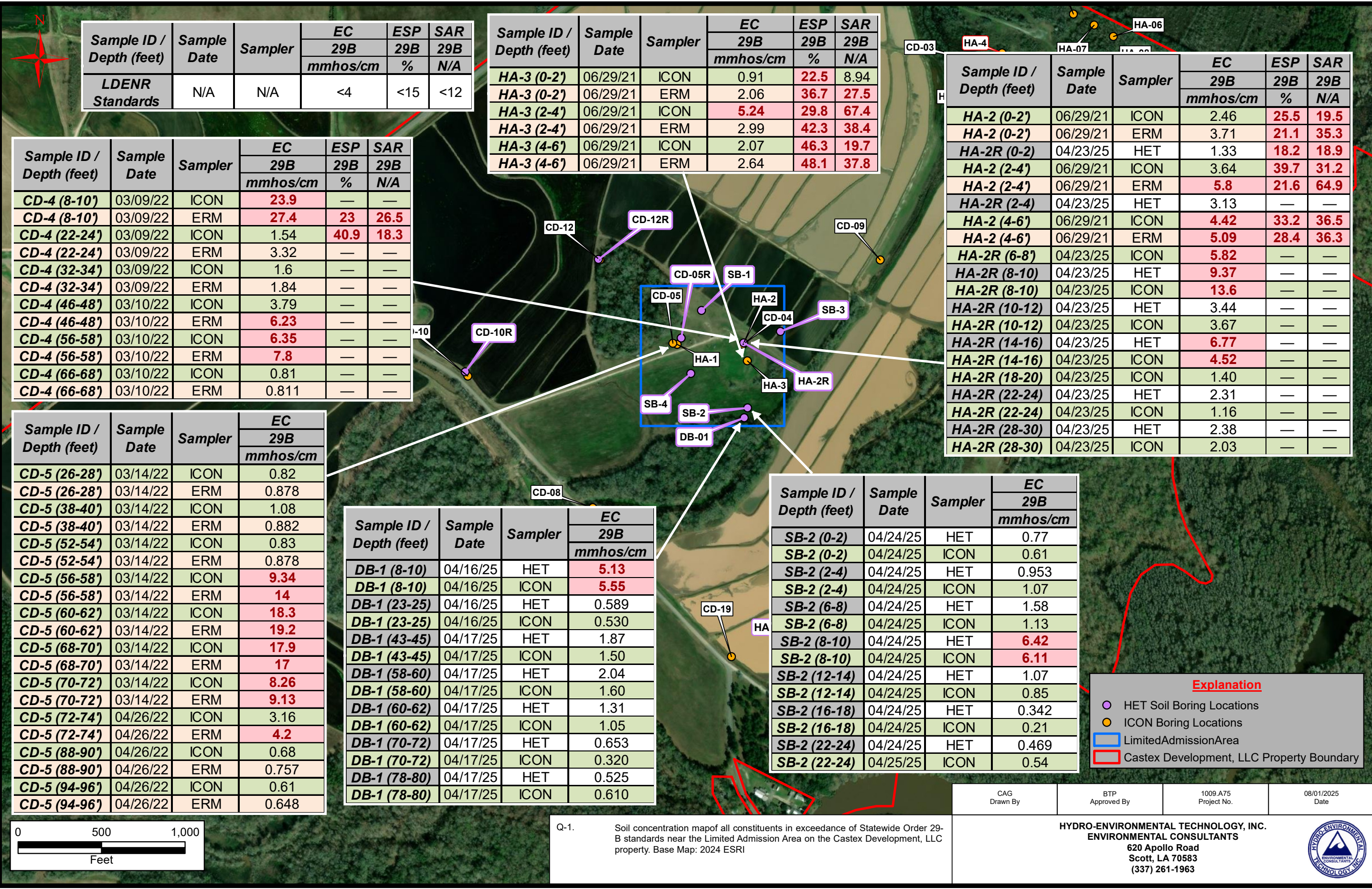


APPENDIX Q
CONCENTRATION MAPS



Sample ID / Depth (feet)	Sample Date	Sampler	EC	ESP	SAR
			29B	29B	29B
			mmhos/cm	%	N/A
L DENR Standards	N/A	N/A	<4	<15	<12

Sample ID / Depth (feet)	Sample Date	Sampler	EC	ESP	SAR
			29B	29B	29B
			mmhos/cm	%	N/A
CD-4 (8-10')	03/09/22	ICON	23.9	—	—
CD-4 (8-10')	03/09/22	ERM	27.4	23	26.5
CD-4 (22-24')	03/09/22	ICON	1.54	40.9	18.3
CD-4 (22-24')	03/09/22	ERM	3.32	—	—
CD-4 (32-34')	03/09/22	ICON	1.6	—	—
CD-4 (32-34')	03/09/22	ERM	1.84	—	—
CD-4 (46-48')	03/10/22	ICON	3.79	—	—
CD-4 (46-48')	03/10/22	ERM	6.23	—	—
CD-4 (56-58')	03/10/22	ICON	6.35	—	—
CD-4 (56-58')	03/10/22	ERM	7.8	—	—
CD-4 (66-68')	03/10/22	ICON	0.81	—	—
CD-4 (66-68')	03/10/22	ERM	0.811	—	—

Sample ID / Depth (feet)	Sample Date	Sampler	EC
			29B
			mmhos/cm
CD-5 (26-28')	03/14/22	ICON	0.82
CD-5 (26-28')	03/14/22	ERM	0.878
CD-5 (38-40')	03/14/22	ICON	1.08
CD-5 (38-40')	03/14/22	ERM	0.882
CD-5 (52-54')	03/14/22	ICON	0.83
CD-5 (52-54')	03/14/22	ERM	0.878
CD-5 (56-58')	03/14/22	ICON	9.34
CD-5 (56-58')	03/14/22	ERM	14
CD-5 (60-62')	03/14/22	ICON	18.3
CD-5 (60-62')	03/14/22	ERM	19.2
CD-5 (68-70')	03/14/22	ICON	17.9
CD-5 (68-70')	03/14/22	ERM	17
CD-5 (70-72')	03/14/22	ICON	8.26
CD-5 (70-72')	03/14/22	ERM	9.13
CD-5 (72-74')	04/26/22	ICON	3.16
CD-5 (72-74')	04/26/22	ERM	4.2
CD-5 (88-90')	04/26/22	ICON	0.68
CD-5 (88-90')	04/26/22	ERM	0.757
CD-5 (94-96')	04/26/22	ICON	0.61
CD-5 (94-96')	04/26/22	ERM	0.648

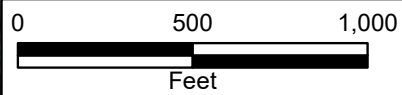
Sample ID / Depth (feet)	Sample Date	Sampler	EC	ESP	SAR
			29B	29B	29B
			mmhos/cm	%	N/A
HA-3 (0-2')	06/29/21	ICON	0.91	22.5	8.94
HA-3 (0-2')	06/29/21	ERM	2.06	36.7	27.5
HA-3 (2-4')	06/29/21	ICON	5.24	29.8	67.4
HA-3 (2-4')	06/29/21	ERM	2.99	42.3	38.4
HA-3 (4-6')	06/29/21	ICON	2.07	46.3	19.7
HA-3 (4-6')	06/29/21	ERM	2.64	48.1	37.8

Sample ID / Depth (feet)	Sample Date	Sampler	EC
			29B
			mmhos/cm
DB-1 (8-10)	04/16/25	HET	5.13
DB-1 (8-10)	04/16/25	ICON	5.55
DB-1 (23-25)	04/16/25	HET	0.589
DB-1 (23-25)	04/16/25	ICON	0.530
DB-1 (43-45)	04/17/25	HET	1.87
DB-1 (43-45)	04/17/25	ICON	1.50
DB-1 (58-60)	04/17/25	HET	2.04
DB-1 (58-60)	04/17/25	ICON	1.60
DB-1 (60-62)	04/17/25	HET	1.31
DB-1 (60-62)	04/17/25	ICON	1.05
DB-1 (70-72)	04/17/25	HET	0.653
DB-1 (70-72)	04/17/25	ICON	0.320
DB-1 (78-80)	04/17/25	HET	0.525
DB-1 (78-80)	04/17/25	ICON	0.610

Sample ID / Depth (feet)	Sample Date	Sampler	EC
			29B
			mmhos/cm
SB-2 (0-2)	04/24/25	HET	0.77
SB-2 (0-2)	04/24/25	ICON	0.61
SB-2 (2-4)	04/24/25	HET	0.953
SB-2 (2-4)	04/24/25	ICON	1.07
SB-2 (6-8)	04/24/25	HET	1.58
SB-2 (6-8)	04/24/25	ICON	1.13
SB-2 (8-10)	04/24/25	HET	6.42
SB-2 (8-10)	04/24/25	ICON	6.11
SB-2 (12-14)	04/24/25	HET	1.07
SB-2 (12-14)	04/24/25	ICON	0.85
SB-2 (16-18)	04/24/25	HET	0.342
SB-2 (16-18)	04/24/25	ICON	0.21
SB-2 (22-24)	04/24/25	HET	0.469
SB-2 (22-24)	04/25/25	ICON	0.54

Sample ID / Depth (feet)	Sample Date	Sampler	EC	ESP	SAR
			29B	29B	29B
			mmhos/cm	%	N/A
HA-2 (0-2')	06/29/21	ICON	2.46	25.5	19.5
HA-2 (0-2')	06/29/21	ERM	3.71	21.1	35.3
HA-2R (0-2)	04/23/25	HET	1.33	18.2	18.9
HA-2 (2-4')	06/29/21	ICON	3.64	39.7	31.2
HA-2 (2-4')	06/29/21	ERM	5.8	21.6	64.9
HA-2 (4-6')	06/29/21	ICON	4.42	33.2	36.5
HA-2 (4-6')	06/29/21	ERM	5.09	28.4	36.3
HA-2R (6-8')	04/23/25	ICON	5.82	—	—
HA-2R (8-10)	04/23/25	HET	9.37	—	—
HA-2R (8-10)	04/23/25	ICON	13.6	—	—
HA-2R (10-12)	04/23/25	HET	3.44	—	—
HA-2R (10-12)	04/23/25	ICON	3.67	—	—
HA-2R (14-16)	04/23/25	HET	6.77	—	—
HA-2R (14-16)	04/23/25	ICON	4.52	—	—
HA-2R (18-20)	04/23/25	ICON	1.40	—	—
HA-2R (22-24)	04/23/25	HET	2.31	—	—
HA-2R (22-24)	04/23/25	ICON	1.16	—	—
HA-2R (28-30)	04/23/25	HET	2.38	—	—
HA-2R (28-30)	04/23/25	ICON	2.03	—	—

Explanation	
●	HET Soil Boring Locations
●	ICON Boring Locations
□	Limited Admission Area
□	Castex Development, LLC Property Boundary



Q-1. Soil concentration map of all constituents in exceedance of Statewide Order 29-B standards near the Limited Admission Area on the Castex Development, LLC property. Base Map: 2024 ESRI

CAG
Drawn By

BTP
Approved By

1009.A75
Project No.

08/01/2025
Date

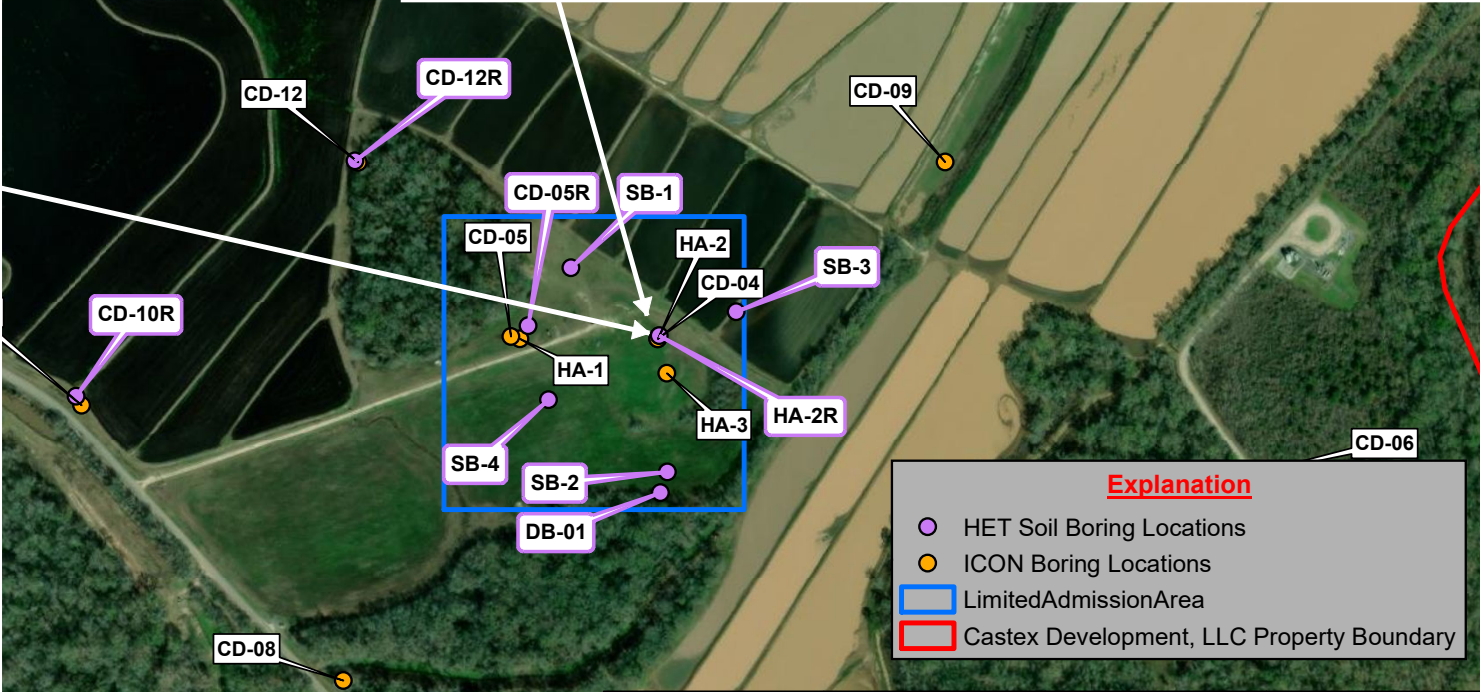
HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.
ENVIRONMENTAL CONSULTANTS
620 Apollo Road
Scott, LA 70583
(337) 261-1963

Sample ID / Depth (feet)	Sample Date	Sampler	Total Barium	Chromium (Total/SPLP)	Lead (Total/SPLP)
			6010B	6010B/1312	6010B/1312
			mg/Kg	mg/Kg,mg/L	mg/Kg,mg/L
LDEQ RECAP SS	N/A	N/A	550	100 / 2 ⁴	100 / 0.3 ⁴
LDEQ RECAP MO-1 Soilni	N/A	N/A	5500	120000	400

Sample ID / Depth (feet)	Sample Date	Sampler	TPH		VPH	EPH	C12-C16 Aliphatics
			TPH-DRO (C10-C28)	TPH-ORO (>C28)			
			8015B	8015B	TX1006	TX1006	TX1006
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
LDEQ RECAP SS ¹	10/20/03	N/A	65	180	1200	230	370
LDEQ RECAP MO-1 Soilni ²	N/A	N/A	650	1800	10000	2300	3700
HA-2 (0-2')	06/29/21	ICON	22.7	29	—	—	—
HA-2 (0-2')	06/29/21	ERM	—	—	Below RECAP SS	Below RECAP SS	37.4
HA-2R (0-2)	04/23/25	HET	—	—	Below RECAP SS	Below RECAP SS	<2.00
HA-2 (2-4')	06/29/21	ICON	1300	<100	—	—	—
HA-2 (2-4')	06/29/21	ERM	—	—	Below RECAP SS	Below RECAP SS*	527
HA-2R (2-4)	04/23/25	HET	—	—	—	Below RECAP SS	<2.00
HA-2 (4-6')	06/29/21	ICON	123	<15.0	—	—	—
HA-2 (4-6')	06/29/21	ERM	—	—	Below RECAP SS	Below RECAP SS	154
HA-2R (8-10)	04/23/25	ICON	5230	2800	—	—	—
HA-2R (8-10)	04/23/25	HET	—	—	Below RECAP SS	Below RECAP SS	262
HA-2R (10-12)	04/23/25	HET	—	—	Below RECAP SS	Below RECAP SS	<2.00
HA-2R (14-16)	04/23/25	HET	—	—	Below RECAP SS	Below RECAP SS	<2.00
HA-2R (14-16)	04/23/25	ICON	<19.9	36.4	—	—	—
HA-2R (22-24)	04/23/25	HET	—	—	Below RECAP SS	Below RECAP SS	2.78

*All hydrocarbon fractions reported below RECAP SS with the exception of Aliphatics C12-16.

Sample ID / Depth (feet)	Sample Date	Sampler	Total Barium	Chromium (Total/SPLP)	Lead (Total/SPLP)
			6010B	6010B/1312	6010B/1312
			mg/Kg	mg/Kg,mg/L	mg/Kg,mg/L
HA-2 (0-2')	06/29/21	ICON	3768	36.9	56.6
HA-2 (0-2')	06/29/21	ERM	2530	35.1	119
HA-2R (0-2)	04/23/25	HET	1570	20.2 / 0.339	17.1 / 0.0936
HA-2 (2-4')	06/29/21	ICON	3348	30.1	42
HA-2 (2-4')	06/29/21	ERM	1040	146	200
HA-2R (2-4)	04/23/25	HET	355	17.9	15.9
HA-2 (4-6')	06/29/21	ICON	1237	11	12.7
HA-2 (4-6')	06/29/21	ERM	1130	12.0	9.88
HA-2R (6-8')	04/23/25	ICON	1030	15.2	18.7
HA-2R (8-10)	04/23/25	HET	1100	25.8	25
HA-2R (8-10)	04/23/25	ICON	1680	21.3	25.6
HA-2R (10-12)	04/23/25	HET	312	18.6	12.5
HA-2R (10-12)	04/23/25	ICON	290	12.3	11.0
HA-2R (14-16)	04/23/25	HET	137	16.1	8.06
HA-2R (14-16)	04/23/25	ICON	—	—	—
HA-2R (18-20)	04/23/25	ICON	—	—	—
HA-2R (22-24)	04/23/25	HET	90.3	18	8.2
HA-2R (22-24)	04/23/25	ICON	—	—	—
HA-2R (28-30)	04/23/25	HET	54	7.93	3.78
HA-2R (28-30)	04/23/25	ICON	—	—	—



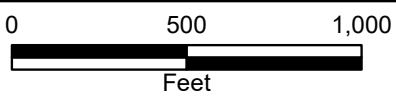
Explanation	
	HET Soil Boring Locations
	ICON Boring Locations
	Limited Admission Area
	Castex Development, LLC Property Boundary

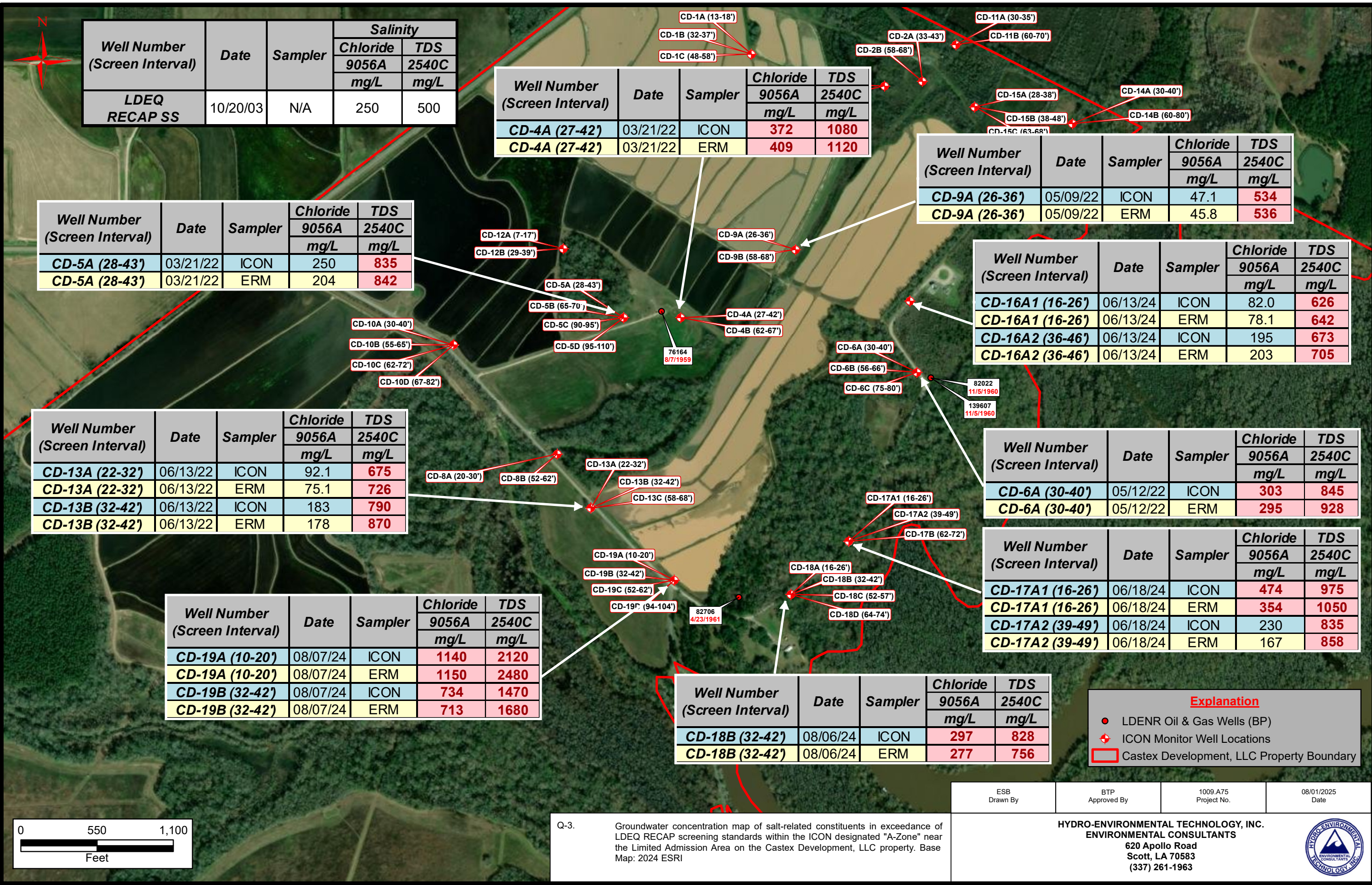
CAG Drawn By	BTP Approved By	1009.A75 Project No.	08/01/2025 Date
-----------------	--------------------	-------------------------	--------------------

HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.
ENVIRONMENTAL CONSULTANTS
620 Apollo Road
Scott, LA 70583
(337) 261-1963



Q-2. Soil concentration map of metal and hydrocarbon constituents in exceedance of LDEQ RECAP screening standards near the Limited Admission Area on the Castex Development, LLC property. Base Map: 2024 ESRI





Well Number (Screen Interval)	Date	Sampler	Salinity	
			Chloride	TDS
			9056A mg/L	2540C mg/L
LDEQ RECAP SS	10/20/03	N/A	250	500

Well Number (Screen Interval)	Date	Sampler	Chloride	TDS
			9056A mg/L	2540C mg/L
			372	1080
CD-4A (27-42')	03/21/22	ICON		
CD-4A (27-42')	03/21/22	ERM	409	1120

Well Number (Screen Interval)	Date	Sampler	Chloride	TDS
			9056A mg/L	2540C mg/L
			47.1	534
CD-9A (26-36')	05/09/22	ICON		
CD-9A (26-36')	05/09/22	ERM	45.8	536

Well Number (Screen Interval)	Date	Sampler	Chloride	TDS
			9056A mg/L	2540C mg/L
			250	835
CD-5A (28-43')	03/21/22	ICON		
CD-5A (28-43')	03/21/22	ERM	204	842

Well Number (Screen Interval)	Date	Sampler	Chloride	TDS
			9056A mg/L	2540C mg/L
			82.0	626
CD-16A1 (16-26')	06/13/24	ICON		
CD-16A1 (16-26')	06/13/24	ERM	78.1	642
CD-16A2 (36-46')	06/13/24	ICON	195	673
CD-16A2 (36-46')	06/13/24	ERM	203	705

Well Number (Screen Interval)	Date	Sampler	Chloride	TDS
			9056A mg/L	2540C mg/L
			92.1	675
CD-13A (22-32')	06/13/22	ICON		
CD-13A (22-32')	06/13/22	ERM	75.1	726
CD-13B (32-42')	06/13/22	ICON	183	790
CD-13B (32-42')	06/13/22	ERM	178	870

Well Number (Screen Interval)	Date	Sampler	Chloride	TDS
			9056A mg/L	2540C mg/L
			303	845
CD-6A (30-40')	05/12/22	ICON		
CD-6A (30-40')	05/12/22	ERM	295	928

Well Number (Screen Interval)	Date	Sampler	Chloride	TDS
			9056A mg/L	2540C mg/L
			1140	2120
CD-19A (10-20')	08/07/24	ICON		
CD-19A (10-20')	08/07/24	ERM	1150	2480
CD-19B (32-42')	08/07/24	ICON	734	1470
CD-19B (32-42')	08/07/24	ERM	713	1680

Well Number (Screen Interval)	Date	Sampler	Chloride	TDS
			9056A mg/L	2540C mg/L
			474	975
CD-17A1 (16-26')	06/18/24	ICON		
CD-17A1 (16-26')	06/18/24	ERM	354	1050
CD-17A2 (39-49')	06/18/24	ICON	230	835
CD-17A2 (39-49')	06/18/24	ERM	167	858

Well Number (Screen Interval)	Date	Sampler	Chloride	TDS
			9056A mg/L	2540C mg/L
			297	828
CD-18B (32-42')	08/06/24	ICON		
CD-18B (32-42')	08/06/24	ERM	277	756

Explanation	
●	LDENR Oil & Gas Wells (BP)
+	ICON Monitor Well Locations
□	Castex Development, LLC Property Boundary

ESB
Drawn By

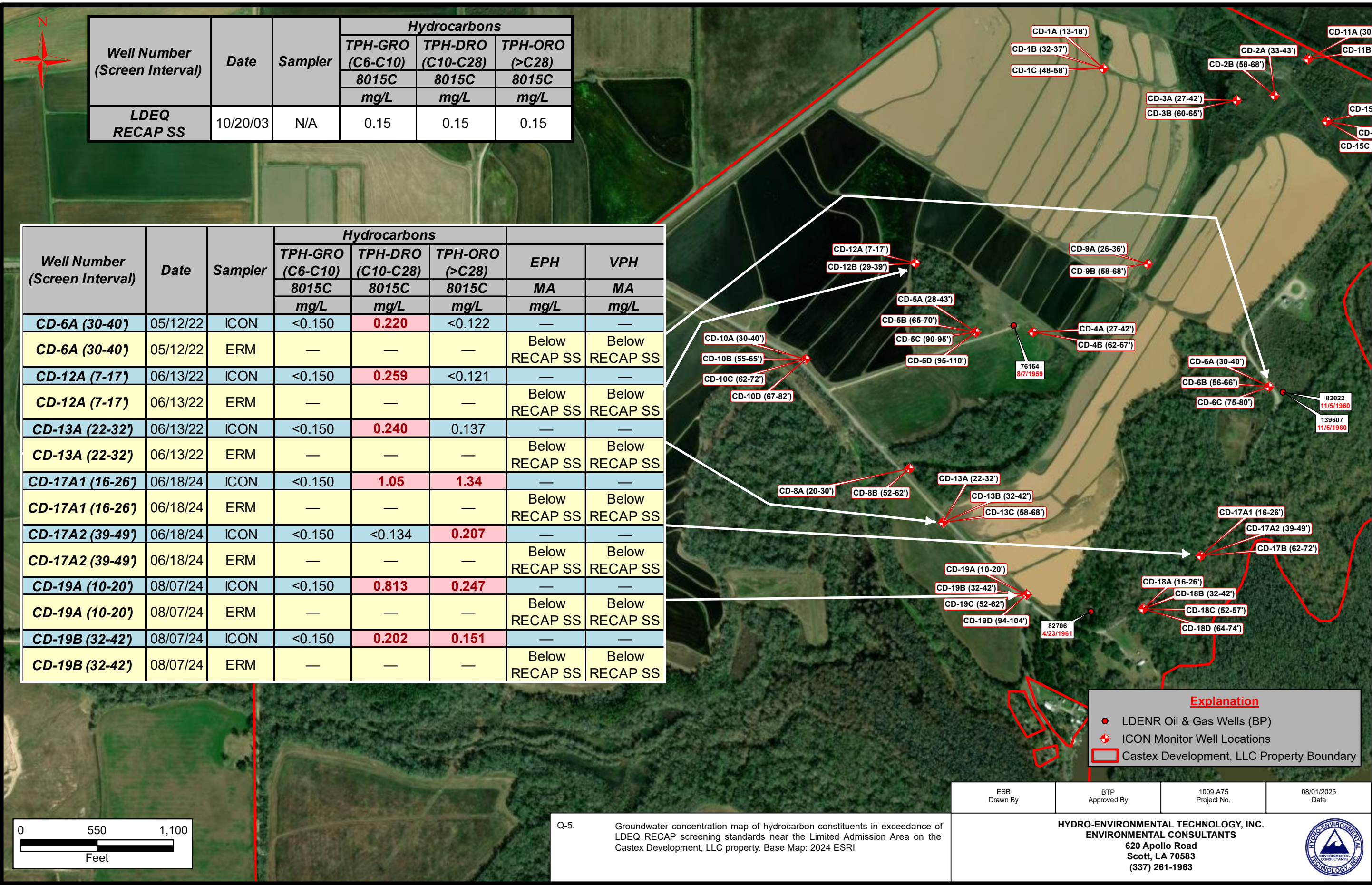
BTP
Approved By

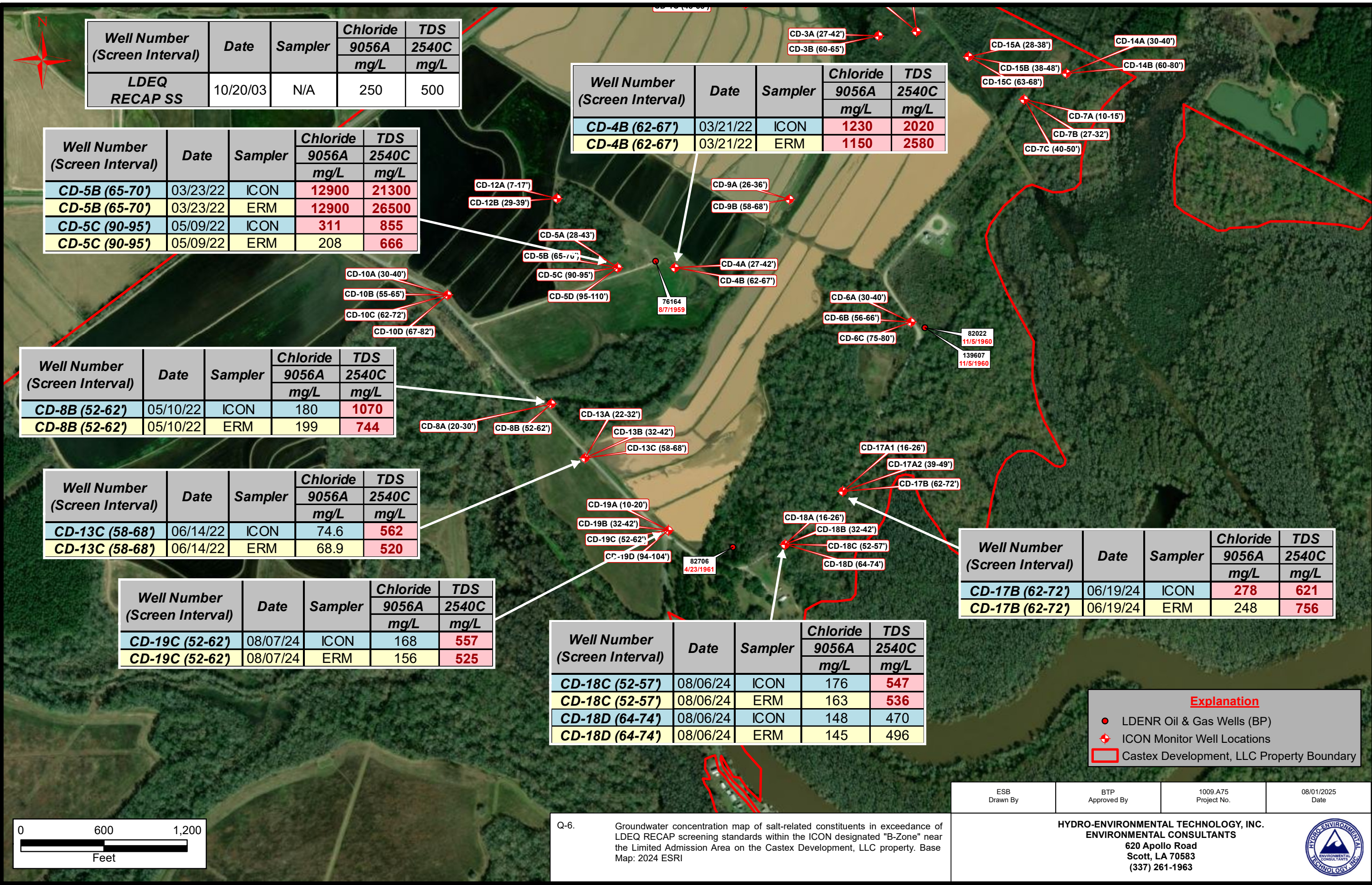
1009.A75
Project No.

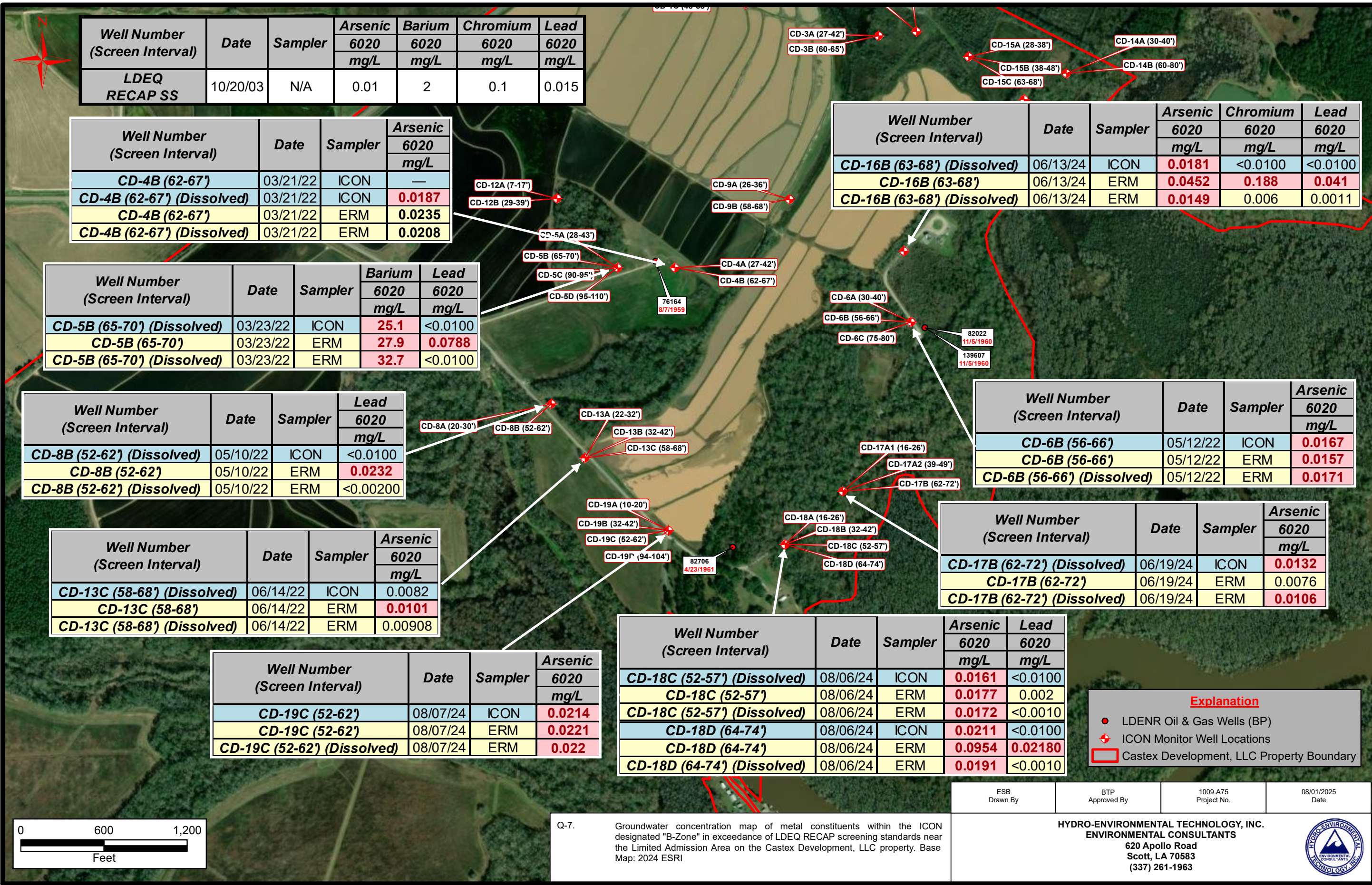
08/01/2025
Date

HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.
ENVIRONMENTAL CONSULTANTS
620 Apollo Road
Scott, LA 70583
(337) 261-1963

Q-3. Groundwater concentration map of salt-related constituents in exceedance of LDEQ RECAP screening standards within the ICON designated "A-Zone" near the Limited Admission Area on the Castex Development, LLC property. Base Map: 2024 ESRI







Well Number (Screen Interval)	Date	Sampler	Arsenic	Barium	Chromium	Lead
			6020 mg/L	6020 mg/L	6020 mg/L	6020 mg/L
LDEQ RECAP SS	10/20/03	N/A	0.01	2	0.1	0.015

Well Number (Screen Interval)	Date	Sampler	Arsenic
			6020 mg/L
CD-4B (62-67')	03/21/22	ICON	—
CD-4B (62-67') (Dissolved)	03/21/22	ICON	0.0187
CD-4B (62-67')	03/21/22	ERM	0.0235
CD-4B (62-67') (Dissolved)	03/21/22	ERM	0.0208

Well Number (Screen Interval)	Date	Sampler	Barium	Lead
			6020 mg/L	6020 mg/L
CD-5B (65-70') (Dissolved)	03/23/22	ICON	25.1	<0.0100
CD-5B (65-70')	03/23/22	ERM	27.9	0.0788
CD-5B (65-70') (Dissolved)	03/23/22	ERM	32.7	<0.0100

Well Number (Screen Interval)	Date	Sampler	Lead
			6020 mg/L
CD-8B (52-62') (Dissolved)	05/10/22	ICON	<0.0100
CD-8B (52-62')	05/10/22	ERM	0.0232
CD-8B (52-62') (Dissolved)	05/10/22	ERM	<0.00200

Well Number (Screen Interval)	Date	Sampler	Arsenic
			6020 mg/L
CD-13C (58-68') (Dissolved)	06/14/22	ICON	0.0082
CD-13C (58-68')	06/14/22	ERM	0.0101
CD-13C (58-68') (Dissolved)	06/14/22	ERM	0.00908

Well Number (Screen Interval)	Date	Sampler	Arsenic
			6020 mg/L
CD-19C (52-62')	08/07/24	ICON	0.0214
CD-19C (52-62')	08/07/24	ERM	0.0221
CD-19C (52-62') (Dissolved)	08/07/24	ERM	0.022

Well Number (Screen Interval)	Date	Sampler	Arsenic	Lead
			6020 mg/L	6020 mg/L
CD-18C (52-57') (Dissolved)	08/06/24	ICON	0.0161	<0.0100
CD-18C (52-57')	08/06/24	ERM	0.0177	0.002
CD-18C (52-57') (Dissolved)	08/06/24	ERM	0.0172	<0.0010
CD-18D (64-74')	08/06/24	ICON	0.0211	<0.0100
CD-18D (64-74')	08/06/24	ERM	0.0954	0.02180
CD-18D (64-74') (Dissolved)	08/06/24	ERM	0.0191	<0.0010

Well Number (Screen Interval)	Date	Sampler	Arsenic	Chromium	Lead
			6020 mg/L	6020 mg/L	6020 mg/L
CD-16B (63-68') (Dissolved)	06/13/24	ICON	0.0181	<0.0100	<0.0100
CD-16B (63-68')	06/13/24	ERM	0.0452	0.188	0.041
CD-16B (63-68') (Dissolved)	06/13/24	ERM	0.0149	0.006	0.0011

Well Number (Screen Interval)	Date	Sampler	Arsenic
			6020 mg/L
CD-6B (56-66')	05/12/22	ICON	0.0167
CD-6B (56-66')	05/12/22	ERM	0.0157
CD-6B (56-66') (Dissolved)	05/12/22	ERM	0.0171

Well Number (Screen Interval)	Date	Sampler	Arsenic
			6020 mg/L
CD-17B (62-72') (Dissolved)	06/19/24	ICON	0.0132
CD-17B (62-72')	06/19/24	ERM	0.0076
CD-17B (62-72') (Dissolved)	06/19/24	ERM	0.0106

Explanation	
●	LDENR Oil & Gas Wells (BP)
+	ICON Monitor Well Locations
□	Castex Development, LLC Property Boundary

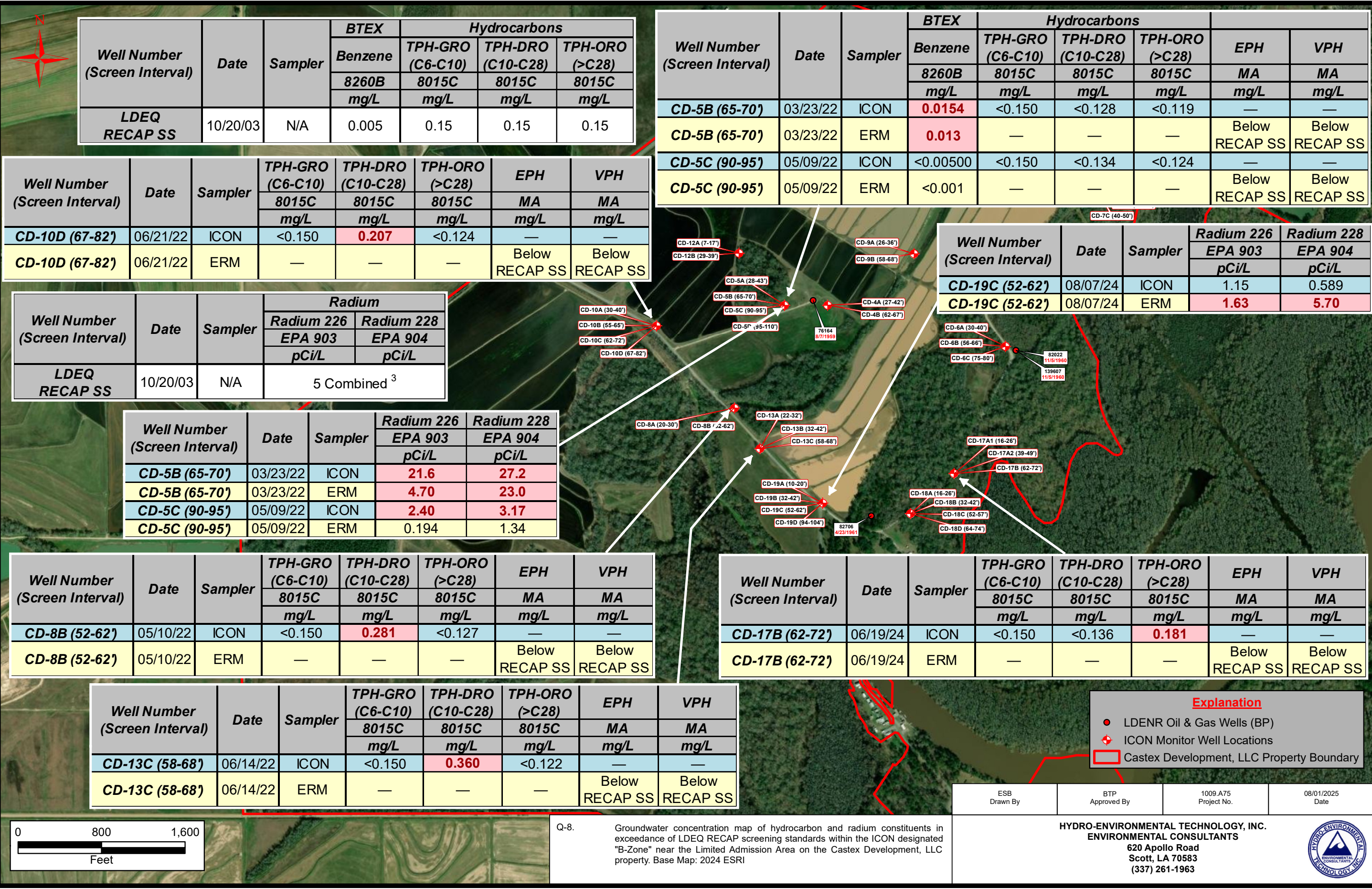
ESB
Drawn By

BTP
Approved By

1009.A75
Project No.

08/01/2025
Date

HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.
ENVIRONMENTAL CONSULTANTS
620 Apollo Road
Scott, LA 70583
(337) 261-1963



Well Number (Screen Interval)	Date	Sampler	BTEX	Hydrocarbons		
			Benzene	TPH-GRO (C6-C10)	TPH-DRO (C10-C28)	TPH-ORO (>C28)
			8260B	8015C	8015C	8015C
			mg/L	mg/L	mg/L	mg/L
LDEQ RECAP SS	10/20/03	N/A	0.005	0.15	0.15	0.15

Well Number (Screen Interval)	Date	Sampler	TPH-GRO (C6-C10)	TPH-DRO (C10-C28)	TPH-ORO (>C28)	EPH	VPH
			8015C	8015C	8015C	MA	MA
			mg/L	mg/L	mg/L	mg/L	mg/L
CD-10D (67-82')	06/21/22	ICON	<0.150	0.207	<0.124	—	—
CD-10D (67-82')	06/21/22	ERM	—	—	—	Below RECAP SS	Below RECAP SS

Well Number (Screen Interval)	Date	Sampler	Radium	
			Radium 226	Radium 228
			EPA 903	EPA 904
			pCi/L	pCi/L
LDEQ RECAP SS	10/20/03	N/A	5 Combined ³	

Well Number (Screen Interval)	Date	Sampler	Radium 226	Radium 228
			EPA 903	EPA 904
			pCi/L	pCi/L
CD-5B (65-70')	03/23/22	ICON	21.6	27.2
CD-5B (65-70')	03/23/22	ERM	4.70	23.0
CD-5C (90-95')	05/09/22	ICON	2.40	3.17
CD-5C (90-95')	05/09/22	ERM	0.194	1.34

Well Number (Screen Interval)	Date	Sampler	TPH-GRO (C6-C10)	TPH-DRO (C10-C28)	TPH-ORO (>C28)	EPH	VPH
			8015C	8015C	8015C	MA	MA
			mg/L	mg/L	mg/L	mg/L	mg/L
CD-8B (52-62')	05/10/22	ICON	<0.150	0.281	<0.127	—	—
CD-8B (52-62')	05/10/22	ERM	—	—	—	Below RECAP SS	Below RECAP SS

Well Number (Screen Interval)	Date	Sampler	TPH-GRO (C6-C10)	TPH-DRO (C10-C28)	TPH-ORO (>C28)	EPH	VPH
			8015C	8015C	8015C	MA	MA
			mg/L	mg/L	mg/L	mg/L	mg/L
CD-13C (58-68')	06/14/22	ICON	<0.150	0.360	<0.122	—	—
CD-13C (58-68')	06/14/22	ERM	—	—	—	Below RECAP SS	Below RECAP SS

Well Number (Screen Interval)	Date	Sampler	BTEX	Hydrocarbons			EPH	VPH
			Benzene	TPH-GRO (C6-C10)	TPH-DRO (C10-C28)	TPH-ORO (>C28)	MA	MA
			8260B	8015C	8015C	8015C	mg/L	mg/L
			mg/L	mg/L	mg/L	mg/L		
CD-5B (65-70')	03/23/22	ICON	0.0154	<0.150	<0.128	<0.119	—	—
CD-5B (65-70')	03/23/22	ERM	0.013	—	—	—	Below RECAP SS	Below RECAP SS
CD-5C (90-95')	05/09/22	ICON	<0.00500	<0.150	<0.134	<0.124	—	—
CD-5C (90-95')	05/09/22	ERM	<0.001	—	—	—	Below RECAP SS	Below RECAP SS

Well Number (Screen Interval)	Date	Sampler	Radium 226	Radium 228
			EPA 903	EPA 904
			pCi/L	pCi/L
CD-19C (52-62')	08/07/24	ICON	1.15	0.589
CD-19C (52-62')	08/07/24	ERM	1.63	5.70

Well Number (Screen Interval)	Date	Sampler	TPH-GRO (C6-C10)	TPH-DRO (C10-C28)	TPH-ORO (>C28)	EPH	VPH
			8015C	8015C	8015C	MA	MA
			mg/L	mg/L	mg/L	mg/L	mg/L
CD-17B (62-72')	06/19/24	ICON	<0.150	<0.136	0.181	—	—
CD-17B (62-72')	06/19/24	ERM	—	—	—	Below RECAP SS	Below RECAP SS

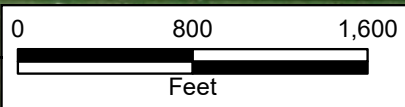
Explanation

● LDENR Oil & Gas Wells (BP)

◆ ICON Monitor Well Locations

▭ Castex Development, LLC Property Boundary

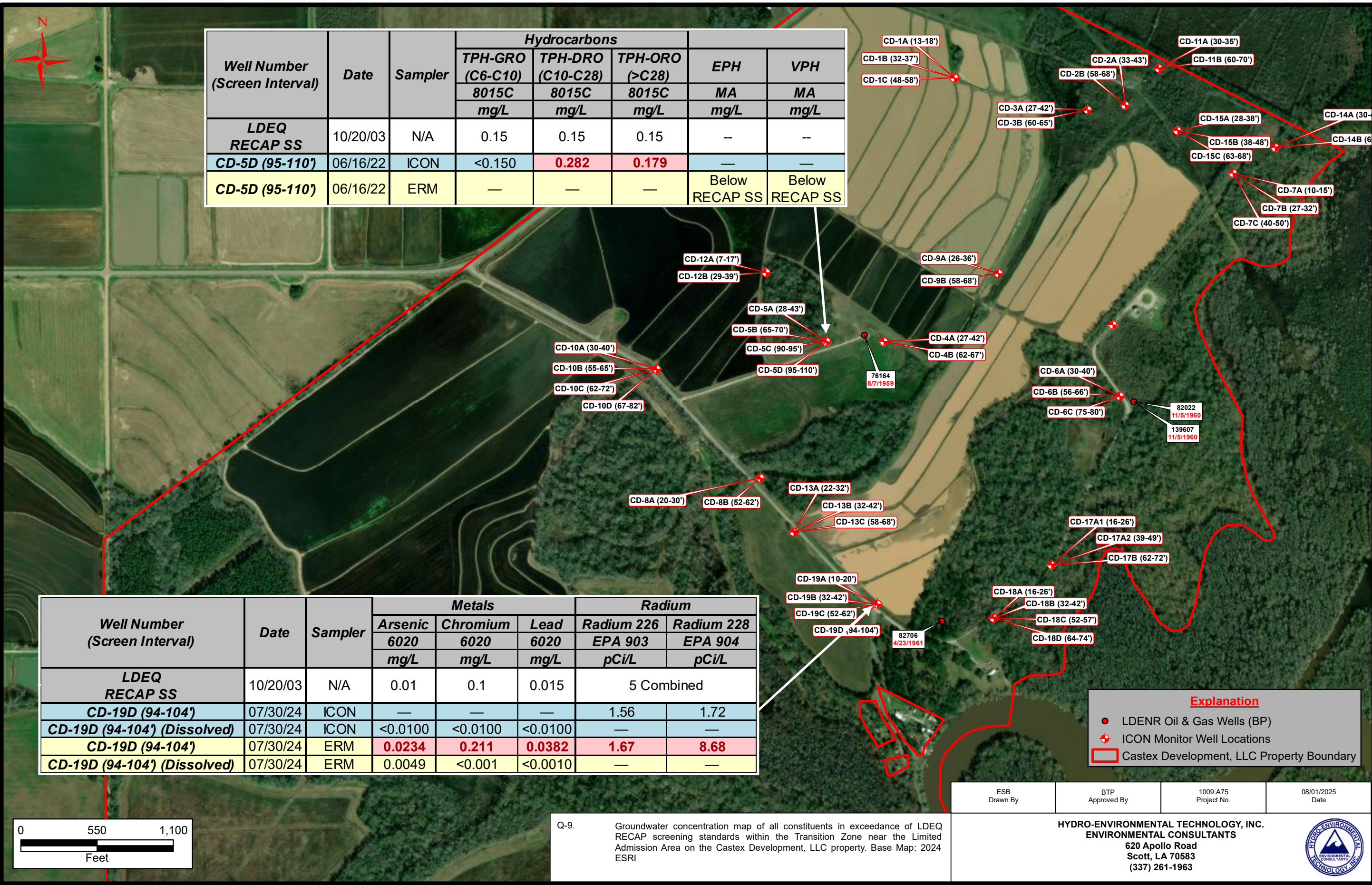
ESB Drawn By	BTP Approved By	1009.A75 Project No.	08/01/2025 Date
-----------------	--------------------	-------------------------	--------------------



Q-8. Groundwater concentration map of hydrocarbon and radium constituents in exceedance of LDEQ RECAP screening standards within the ICON designated "B-Zone" near the Limited Admission Area on the Castex Development, LLC property. Base Map: 2024 ESRI

HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.
ENVIRONMENTAL CONSULTANTS
620 Apollo Road
Scott, LA 70583
(337) 261-1963





Well Number (Screen Interval)	Date	Sampler	Hydrocarbons			EPH	VPH
			TPH-GRO (C6-C10)	TPH-DRO (C10-C28)	TPH-ORO (>C28)		
			8015C	8015C	8015C		
			mg/L	mg/L	mg/L		
LDEQ RECAP SS	10/20/03	N/A	0.15	0.15	0.15	--	--
CD-5D (95-110')	06/16/22	ICON	<0.150	0.282	0.179	—	—
CD-5D (95-110')	06/16/22	ERM	—	—	—	Below RECAP SS	Below RECAP SS

Well Number (Screen Interval)	Date	Sampler	Metals			Radium	
			Arsenic 6020	Chromium 6020	Lead 6020	Radium 226 EPA 903	Radium 228 EPA 904
			mg/L	mg/L	mg/L	pCi/L	pCi/L
LDEQ RECAP SS	10/20/03	N/A	0.01	0.1	0.015	5 Combined	
CD-19D (94-104')	07/30/24	ICON	—	—	—	1.56	1.72
CD-19D (94-104') (Dissolved)	07/30/24	ICON	<0.0100	<0.0100	<0.0100	—	—
CD-19D (94-104')	07/30/24	ERM	0.0234	0.211	0.0382	1.67	8.68
CD-19D (94-104') (Dissolved)	07/30/24	ERM	0.0049	<0.001	<0.0010	—	—

Explanation	
●	LDENR Oil & Gas Wells (BP)
+	ICON Monitor Well Locations
□	Castex Development, LLC Property Boundary

ESB Drawn By	BTP Approved By	1009.A75 Project No.	08/01/2025 Date
HYDRO-ENVIRONMENTAL TECHNOLOGY, INC. ENVIRONMENTAL CONSULTANTS 620 Apollo Road Scott, LA 70583 (337) 261-1963			

Q-9. Groundwater concentration map of all constituents in exceedance of LDEQ RECAP screening standards within the Transition Zone near the Limited Admission Area on the Castex Development, LLC property. Base Map: 2024 ESRI