



VICINITY MAP

## PREPARED FOR:



# DEKALB COUNTY

PUBLIC WORKS DEPARTMENT SANITATION DIVISION SEMINOLE ROAD LANDFILL 4203 CLEVEMONT ROAD ELLENWOOD, GEORGIA 30294

OWNER: TRACY HUTCHINSON INTERIM DEPUTY DIRECTOR 404.713.2501

24 HOUR CONTACT: ROGER YOUNG SUPERINTENDENT 404.687.4018

# INVITATION TO BID NO. XX-XXXXXX **CONSTRUCTION DRAWINGS** GAS COLLECTION AND CONTROL SYSTEM (GCCS) EXPANSION PHASE 3 UNIT 3 SEMINOLE ROAD LANDFILL DEKALB COUNTY, GEORGIA PROJECT NO. GD5409

AUGUST 2017

## LIST OF DRAWINGS

DRAWING NO.	DRAWING TITLE
1	COVER SHEET
2	EXISTING CONDITIONS
3	GCCS EXPANSION ON PROJECTED TOP OF LANDFILL ELEVATI
4	GCCS EXPANSION ON TOP OF CLAY LINER GRADES
5	HEADER ACCESS RISER (HAR) PLAN
6	HEADER PIPE PLAN AND PROFILE
7	GCCS DETAILS I
8	GCCS DETAILS II
9	GCCS DETAILS III



DETAIL IDENTIFICATION LEGEND

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PREPARED BY:



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LOCATION MAP

## 1255 ROBERTS BOULEVARD, NW, SUITE 200 KENNESAW, GEORGIA 30144-3694 TELEPHONE: 678.202.9500

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### NOTES:

- 1. THE EXISTING CONDITIONS TOPOGRAPHIC MAP SHOWN ON 1 SEPTEMBER 2016 BY SOUTHERN RESOURCES MAPPING OF THE SURVEY INFORMATION HAS NOT BEEN FIELD VERIFIED CONSTRUCTION ACTIVITIES, THE CONTRACTOR SHALL VER INFORMATION IN THE PROJECT AREA AND SHALL IMMEDIAT REPRESENTATIVE IF ACTUAL FIELD CONDITIONS VARY SIGN DRAWING.
- 2. ABOVE AND BELOW GROUND UTILITIES AND OTHER EXIST SHALL BE FIELD-LOCATED BY THE CONTRACTOR PRIOR TO ANTICIPATES ANY OF THESE FEATURES WILL IMPACT ABIL ON THESE DRAWINGS OR WILL REQUIRE ADDITIONAL DESI SHALL IMMEDIATELY NOTIFY THE COUNTY REPRESENTATI
- 3. THE PHASE LIMITS SHOWN ON THIS DRAWING ARE BASED PLAN" PROVIDED BY HDR, INC. AND DATED AUGUST 2008. V PHASE 3 UNIT 1 CELLS 1, 2, AND 3 HAS STOPPED AT THIS TI CURRENTLY ACTIVE AND ACCEPTING WASTE. THE OTHER FOR CONSTRUCTION IN THE FUTURE.
- 4. THE EXISTING GCCS WITHIN PHASE 3 UNIT 3 CELLS 1, 2, ANI THE "PHASE 3 UNIT 1 GCCS CONSTRUCTION" CONSTRUCTION EXPANSION AND MODIFICATION" CONSTRUCTION DRAWING
- 5. THE ESTIMATED TOPOGRAPHIC CONDITIONS IN THE PHASE APPROXIMATED FROM THE 'PROJECTED ELEVATIONS' PRO SUPERINTENDENT OF THE SEMINOLE ROAD LANDFILL ON 2

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![](_page_5_Figure_0.jpeg)

![](_page_6_Figure_0.jpeg)

![](_page_6_Figure_2.jpeg)

5'X5' TEMPORARY

SAFETY GRATE (NOTE 4) -

SELECT BACKFILL (TYP) ----

HYDRATED BENTONITE

PLUG (TYP) (NOTE 7) ------

≻ WASTE 🔨

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120°

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![](_page_6_Figure_3.jpeg)

- GREEN KANAFLEX / TIGER

POWER LOCK CLAMPS

← 2" SCH 80 PVC STUB

REDUCING COUPLING

FLEX FLEXIBLE HOSE WITH

- FERNCO OR APPROVED EQUAL

![](_page_6_Figure_4.jpeg)

![](_page_6_Figure_5.jpeg)

SCALE: N.T.S.

![](_page_6_Figure_6.jpeg)

4

![](_page_6_Figure_8.jpeg)

 $\left( 14 \right)$ 

![](_page_6_Figure_17.jpeg)

5

![](_page_7_Figure_0.jpeg)

![](_page_7_Figure_1.jpeg)

5

4

6

24" PVC BLIND FLANGE -

24" HDPE FLANGE ADAPTER (TYP) ·

48" HDPE FLANGE ADAPTER -

BACK-UP RING RESTRAINT FOUR EACH,

ONE INCH THICK AT 90° SPACING (TYP) -

2" ALUMINUM FLANGED

QUICK DISCONNECT (TYP) -

2" PVC SWING CHECK VALVE FLANGED AT BOTH ENDS ------

1/4 STEEL TUBING -

PUMP RETRIEVAL CHAIN ----

9 7 7 CONNECTION -

3% (MIN)

ELECTRIC SUBMERSIBLE

PUMP POWER CABLE SECURE TO RETRIEVAL CHAIN WITH NYLON TIES -

MONITORING PORT (NOTE 1) -

GROUND SURFACE -

48" HDPE BLIND FLANGE —

24" PVC PIPE -

![](_page_7_Figure_6.jpeg)

![](_page_7_Figure_7.jpeg)

IT 3 EXPANSION						
D LANDF Y, GEOR	ILL GIA					
IGN BY:	JAS	DATE:	AUGUST 2017			
WN BY:	SRN/JJA	PROJECT NO.:	GD5409			
CKED BY:	MAO	FILE:	5409-010			
IEWED BY:	НА	DRAWING NO .:				
ROVED BY:	JAS	8	OF <u>9</u>			
	Q					

![](_page_8_Figure_0.jpeg)

![](_page_8_Figure_1.jpeg)

	TABLE 1. WELL INSTALLATION SCHEDULE								
WELL ID	NORTHING	EASTING	ANTICIPATED EXISTING GROUND ELEVATION (FT)	PROJECTED GROUND ELEVATION (FT)	AS-BUILT LINER ELEVATION (FT)	WELL BOTTOM ELEVATION (FT)	APPROXIMATE WELL DEPTH (FT)	8" SOLID PVC PIPE LENGTH (FT)	8" SLOTTED PVC PIPE LENGTH (FT)
GEW-N68	1332693.96	2268034.75	866.0	866.0	824.0	836.0	30	13	20
GEW-N69	1332860.63	2268081.89	868.0	868.0	821.7	833.7	34	13	24
GEW-N70	1333014.66	2268161.08	870.4	870.4	822.3	834.3	36	13	26
GEW-N71	1332995.78	2268334.05	884.0	884.0	841.5	853.5	31	13	21
GEW-N72	1333005.47	2268506.98	882.0	882.0	841.3	853.3	29	13	19
GEW-N73	1332949.09	2268670.75	896.0	896.0	851.3	863.3	33	13	23
GEW-N138	1332518.98	2268110.25	882.0	882.0	828.8	840.8	41	13	31
GEW-N139	1332688.22	2268172.04	895.0	895.0	827.6	839.6	55	13	45
GEW-N140	1332860.48	2268213.27	902.0	902.0	825.6	837.6	64	13	54
GEW-N141	1332824.59	2268370.71	912.0	912.0	842.8	854.8	57	13	47
GEW-N142	1332875.23	2268488.92	914.0	914.0	842.6	854.6	59	13	49
GEW-N143	1332840.13	2268638.12	919.6	919.6	851.3	863.3	56	13	46
GEW-N185	1332341.11	2268140.02	892.0	892.0	833.0	845.0	47	13	37
GEW-N186	1332501.70	2268290.15	914.0	954.0	848.6	860.6	93	13	83
GEW-N187	1332671.30	2268356.10	914.0	954.0	845.0	857.0	97	13	87
GEW-N188	1332646.49	2268529.27	921.0	931.0	846.5	858.5	73	13	63
GEW-N189B	1332624.96	2268815.00	931.3	931.3	848.1	860.1	71	13	61
GEW-N193B	1331676.38	2268841.01	913.6	913.6	871.9	883.9	30	13	20
GEW-N222	1332069.01	2268040.69	873.0	873.0	835.0	847.0	26	13	16
GEW-N223	1332202.27	2268276.65	917.0	917.0	852.6	864.6	52	13	42
GEW-N224	1332377.52	2268437.41	923.0	923.0	848.1	860.1	63	13	53
GEW-N225	1332411.58	2268832.18	934.0	933.0	858.2	870.2	63	13	53
GEW-N225B	1332418.21	2268801.29	928.0	928.0	858.2	870.2	58	13	48
GEW-N227B	1332197.69	2268794.91	932.9	932.9	858.2	870.2	63	13	53
GEW-N228A	1331999.10	2268687.28	920.0	920.0	866.2	878.2	42	13	32
GEW-N229	1331784.87	2268667.95	890.1	900.0	859.2	871.2	29	13	19
GEW-N252	1331930.48	2268174.13	909.0	909.0	841.5	853.5	55	13	45
GEW-N253	1332029.39	2268408.57	924.0	924.0	852.1	864.1	60	13	50
GEW-N254A	1332215.94	2268573.92	941.0	941.0	853.2	865.2	76	13	66
GEW-N255	1331863.46	2268428.35	913.0	943.0	854.7	866.7	76	13	66
GEW-N256	1331672.84	2268414.11	880.0	900.0	856.9	868.9	31	13	21
GEW-N273	1331740.41	2268160.41	868.0	902.0	844.6	856.6	45	13	35

TABLE 2. CONTROL POINTS						
POINT NUMBER	NORTHING	EASTING	ELEVATION (FT)	TEE SIZE		
1	1333111.46'	2268609.94'	848.24'	24" X 6" TEE		
2	1333108.14'	2268504.00'	851.37'	24" X 8" TEE		
3	1333105.73'	2268426.52'	853.79'	24" X 6" TEE		
4	1333078.58'	2268309.42'	857.41'	24" X 6" TEE		
5	1333003.27'	2268171.69'	29.97'	24" X 6" TEE		
6	1332928.49'	2268104.45'	857.37'	24" X 6" TEE		
7	1332873.82'	2268064.35'	855.33'	24" X 6" TEE		
8	1332523.78'	2267982.13'	844.38'	24" X 8" TEE		
9	1332700.04'	2268014.54'	849.86'	24" X 6" TEE		
10	1332331.95'	2267979.64'	842.83'	24" X 6" TEE		
11	1332066.44'	2267994.92'	850.81'	24" X 6" TEE		
12	1331909.07'	2268051.71'	856.11'	24" X 6" TEE		
13	1331682.74'	2268147.16'	864.38'	24" X 6" TEE		
14	1331629.76'	2268439.52'	873.45'	24" X 6" TEE		
15	1331775.71'	2268671.96'	881.68'	24" X 6" TEE		
16	1331659.13'	2268830.88'	902.56'	24" X 6" TEE		
17	1332859.39'	2268053.77'	854.05'	24" X 24" TEE		
18	1331658.61'	2268050.96'	862.39'	24" X 24" TEE		

А	08.03.17	DRAFT SUBMITTAL TO DEKALB COUNTY		
REV	DATE			DESCRIPTIO
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		CONSUL	anns	
	1255 ROBER <sup>-</sup> KENNE F	TS BOULEVARD, SAW, GEORGIA PHONE: 678.202.9	N.W., SUITE 200 30144 USA 9500	
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