



Town of Berlin
Received
FEB 25 2019

Planning & Zoning Department
Berlin, Connecticut

PROPERTY AREA	22.87 AC.
FINAL CAP AREA	16.4 AC.

EARTHWORKS TABLE	
TOTAL FILL VOLUME - 2018	119,250 C.Y.
TOTAL FILL VOLUME TO DATE	122,235 C.Y.
FILL ADDED 2018 - 2019	2,985 C.Y.
PERMITTED FILL VOLUME	465,000 C.Y.
REMAINING CAPACITY	342,765 C.Y.
AVERAGE FILL RATE (1986 - 2019)	3704± C.Y./YR.
REMAINING LIFE: @ 3704 C.Y./YR.	~92 YEARS
AVERAGE FILL RATE PER BERLIN PZC, JUNE 6, 2018 APPROVAL:	8,600 C.Y./3 YR. = 2,867 C.Y./YR.
REMAINING LIFE: @ 2,867 C.Y./YR.	~120 YEARS

LEGEND

TREE LINE	
CHAIN LINK FENCE	
PROPERTY LINE	
WETLAND LIMITS	
EDGE OF WATER	
MARSH	
EXISTING CONTOUR	
MONUMENT	
MONITORING WELL	
SPOT ELEVATION	
100 YEAR FLOODPLAIN ELEVATION	

- MAP REFERENCES:**
- "BOUNDARY SURVEY, THE MATTABASSETT DISTRICT, ASH DISPOSAL SITE, BERLIN, CONNECTICUT", SCALE: 1" = 100', DATE: OCT. 28, 1983, BY CARDINAL ENGINEERING ASSOCIATES, INC.
 - "SITE PREPARATION, THE MATTABASSETT DISTRICT, ASH DISPOSAL SITE, BERLIN, CONNECTICUT, DETAILED SITE MAP", SHEET 1 OF 2, SCALE: 1" = 100', DATE: OCT. 28, 1983, BY CARDINAL ENGINEERING ASSOCIATES, INC.
 - "FINAL GRADES, THE MATTABASSETT DISTRICT, ASH DISPOSAL SITE, BERLIN, CONNECTICUT, DETAILED SITE MAP", SHEET 2 OF 2, SCALE: 1" = 100', DATE: OCT. 28, 1983, BY CARDINAL ENGINEERING ASSOCIATES, INC.
 - "TOPOGRAPHIC SURVEY, EXISTING CONDITIONS PLAN, PREPARED FOR THE MATTABASSETT DISTRICT, ASH DISPOSAL SITE, BERLIN, CONNECTICUT", SHEET 1 OF 1, DATED 09/25/08, BY ANCHOR ENGINEERING SERVICES, INC.
 - "AS-BUILT CONDITIONS, ASH DISPOSAL SITE, PREPARED FOR THE MATTABASSETT DISTRICT, BERLIN, CONNECTICUT", SHEET EC-1, REVISED 08/23/2016, BY CARDINAL ENGINEERING ASSOCIATES, INC.

- NOTES:**
- ELEVATIONS SHOWN ARE BASED UPON VERTICAL DATUM NAVD 88 AND HORIZONTAL DATUM NAD 83.
 - WETLANDS DEPICTED, BASED UPON INFORMATION OBTAINED ON MAP REFERENCE #4 ABOVE.
 - EXISTING CONDITIONS SHOWN BASED ON FIELD SURVEY CONDUCTED OCTOBER, 2019.



THIS SURVEY AND MAP HAS BEEN PREPARED IN ACCORDANCE WITH SECTIONS 20-300b-1 THRU 20-300b-20 OF THE REGULATIONS OF CONNECTICUT STATE AGENCIES' MINIMUM STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT AS ENDORSED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS INC. IT IS A TOPOGRAPHIC SURVEY, BOUNDARY DETERMINATION CATEGORY DEPENDANT RESURVEY, CONFORMING TO HORIZONTAL ACCURACY CLASS A-2 AND TOPOGRAPHIC ACCURACY CLASS 1-2.

TO THE BEST OF MY KNOWLEDGE AND BELIEF THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON.

Bernard J. Cernol
BERNARD J. CERNOLO, L.S. #18825

ANY ORIGINAL OR DUPLICATE OF THIS MAP IS NOT VALID UNLESS IT BEARS THE EMBOSSED SEAL OF THE SURVEYOR WHOSE REGISTRATION NUMBER APPEARS ABOVE. NO OTHER CERTIFICATION OR WARRANTY IS EXPRESSED OR IMPLIED.

DATE: NOV. 20, 2019	SCALE: AS NOTED	DESIGNED BY: BJC	DRAWN BY: SS	CHECKED BY: BJC	APPROVED BY: BJC
CARDINAL ENGINEERING ASSOCIATES					
3 Colony Street Meriden, CT 06451 203-238-1969					
ASH DISPOSAL SITE THE MATTABASSETT DISTRICT BERLIN, CONNECTICUT AS-BUILT CONDITIONS - OCTOBER 2019					
NOV. 20, 2019					
EC-1					