

WELL INFORMATION							
WELL I.D.	SURFACE ELEVATION (MSL)	TOP OF CASING ELEVATION (MSL)	SCREENED INTERVAL (MSL)	OPEN INTERVAL (MSL)	TOTAL DEPTH (FT. BGS)	DEPTH TO WATER (FT. BGS)	WATER ELEVATION (MSL)
MW-1	750.6	752.30	N/A	713.6 - 604.6	146	45.61	710.62
MW-2	729.26	731.42	N/A	692.26 - 607.26	122	26.42	707.50
MW-3	560.19	560.99	503.99 - 465.19	N/A	110	92.69	641.23
MW-4	443.62	444.20	433.62 - 422.62	N/A	21	20.17	436.28
MW-5	454.67	455.17	429.67 - 402.67	N/A	52	25.31	429.86
MW-6	508.41	511.66	460.41 - 387.41	N/A	121	47.23	464.43
MW-8	831.34	831.84	811.34 - 687.34	N/A	144	90.63	741.21
MW-9	476.52	478.22	425.52 - 330.52	N/A	146	45.91	433.99
MW-10	452.12	455.72	438.62 - 403.12	N/A	51	26.40	428.87
MW-11	721.36	721.61	N/A	687.36 - 624.36	97	41.65	683.26
MW-13R	680.21	682.11	665.21 - 580.21	N/A	100	19.56	660.05

GENERAL BASEMAP NOTES

- EXISTING TOPOGRAPHY AND FEATURES SHOWN HEREON WERE OBTAINED FROM AERIAL PHOTOGRAMMETRY PREPARED BY: CDI INFRASTRUCTURE, LLC, DBA L.R. KIMBALL & ASSOC., EBENSBERG, PA, FROM AN AERIAL PHOTOGRAPH DATED 01/14/17.
- DISPOSAL AREA INFORMATION WAS OBTAINED FROM "SHENKEL ROAD EXPANSION FINAL GRADING PLAN (GAS MANAGEMENT PLAN)," DELAWARE COUNTY SOLID WASTE AUTHORITY, COLEBROOKDALE MUNICIPAL LANDFILL, SHEET LF 11, DWG. 115-LF-11R4_08, FILE NO. 115, DATED APRIL 1996, LAST REVISED APRIL 2008.
- WHERE PERMIT BOUNDARY IS SHOWN ADJACENT TO PROPERTY BOUNDARY, BOUNDARIES ARE EQUAL PERMIT BOUNDARY IS SHOWN AS OFFSET TO PROPERTY BOUNDARY FOR CLARITY.
- 100-YEAR STORM FLOOD DATA, BASED ON INFORMATION DEVELOPED FROM FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) FLOOD DATA, OBTAINED FROM PASDA (PENNSYLVANIA SPATIAL DATA ACCESS).
- WETLANDS AND STREAMS / CHANNELS AS INDICATED IN VICINITY OF PERMIT BOUNDARY DELINEATED BY WHM CONSULTING INC. IN MAY 2016. SEE WETLAND DELINEATION REPORT INCLUDED IN FORM D OF EXPANSION APPLICATION FOR MORE SPECIFIC INFORMATION.

GENERAL BASEMAP LEGEND

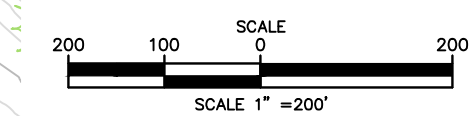
- PROPERTY BOUNDARY
- ADJOINER PROPERTY LINE
- EXISTING PERMIT BOUNDARY
- PROPOSED PERMIT BOUNDARY
- EXISTING DISPOSAL LIMIT
- EXISTING PAD DIVISION LINE
- PROPOSED DISPOSAL LIMIT
- EXISTING GRADE CONTOURS (C.I.=2'/10')
- WATER COURSE (IN BASEMAPING)
- WATER COURSE FLOW DIRECTION
- 100-YEAR FLOODPLAIN (SEE GENERAL BASEMAP NOTE 4)
- WETLAND BOUNDARY BY WHM (SEE GENERAL BASEMAP NOTE 5)
- PERENNIAL STREAM BY WHM (SEE GENERAL BASEMAP NOTE 5)

GROUNDWATER NOTES

- GROUNDWATER CONTOURS DEVELOPED FROM WATER LEVELS MEASURED ON MARCH 7, 2017 BY NORMANDEU ASSOCIATES, INC. PERSONNEL.

GROUNDWATER LEGEND

- 700 GROUNDWATER CONTOUR (C.I. = 40')
- DIRECTION OF REGIONAL GROUNDWATER FLOW
- GROUNDWATER MONITORING WELL AND WATER LEVEL ELEVATION (SEE GROUNDWATER NOTE 1)
- PROPOSED GROUNDWATER MONITORING WELL REPLACEMENT



	REVISIONS	
DELAWARE COUNTY SOLID WASTE AUTHORITY ROLLING HILLS LANDFILL SOUTHERN AREA LANDFILL EXPANSION		DATE: 09/25/17 DRAWN BY: KEF CHECKED: EJL BAI DRAWING NO: DCSWA-107D010 SHEET NO. 3 OF 11
EARL TOWNSHIP BERKS COUNTY PENNSYLVANIA GROUNDWATER CONTOUR MAP (2017 1ST QUARTER) State College Office (814) 238-2060 Delaware Valley Office (610) 495-5585		