



DRAFT



NOTES:

1. BASE MAP IS FROM PLAN BY AERIAL SURVEY & PHOTO, NORRIDGEWOCK, MAINE-PHOTO DATE 11-21-11. ACTUAL SITE CONDITIONS MAY VARY FROM THOSE SHOWN DUE TO ONGOING REMEDIATION ACTIVITIES. EXISTING TOPOGRAPHY FROM MAINE GIS DATA CATALOG, BASED ON LIDAR (APRIL 2006-APRIL 2012).
2. STRUCTURES SHOWN FOR ORIENTATION PURPOSES ONLY, NOT SURVEYED. SOME STRUCTURES ARE DEMOLISHED.
3. GROUNDWATER FLOW SUMMARY IS BASED ON THREE-DIMENSIONAL GROUNDWATER MODEL SIMULATION OF PARTICLE PATHLINES FROM SELECTED PLANT AREA SOIL BORINGS, WITH FLOW FROM EIGHT EXTRACTION WELLS (EW-5 THROUGH EW-12) AT 4 GPM EACH. FLOW SUMMARY LINES INDICATE THE DESTINATION OF GROUNDWATER PARTICLES UNDER OPERATION OF FINAL GROUNDWATER EXTRACTION SYSTEM, BUT DO NOT PROVIDE DETAILED FLOW PATHS.
4. GROUNDWATER MODEL SIMULATION INCLUDES UPDATES FROM THE MEDEP APPROVED GROUNDWATER MODEL.
 REFERENCES: (1) SME, 2018. LETTER TO MEDEP WITH SUBJECT *HYDROGEOLOGIC TESTING DATA TRANSMITTAL, EW-3 PUMPING TEST, EW-3 AND EW-5 PERFORMANCE TESTING, ORRINGTON REMEDIATION SITE, ORRINGTON, MAINE*, DATED MARCH 28, 2018.; (2) SME, 2018. *LANDFILLS 3 THROUGH 5 BEDROCK GROUNDWATER CONDITIONS PRE-DESIGN WORK PLAN, ORRINGTON REMEDIATION SITE, ORRINGTON, MAINE*, DATED JULY 2018.

LEGEND

- FORMER LANDFILL COVER BOUNDARY
- EW-5 EXISTING EXTRACTION WELL
- EW-6 PROPOSED EXTRACTION WELL
- SB-PA-08 SOIL BORING
- GROUNDWATER PARTICLE FLOW SUMMARY

FIGURE 3
GROUNDWATER FLOW SUMMARY
 SELECTED PLANT AREA LOCATIONS
 ORRINGTON REMEDIATION SITE
 ORRINGTON, MAINE



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