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**NCSS Interpretations:
Private Industry Perspective**

Work Experience

- ON-SITE SEWAGE DISPOSAL
- LAND APPLICATION OF WASTEWATER/SLUDGE
- HAZARDOUS WASTE SITE INVESTIGATIONS
- WETLAND DELINEATION AND PERMITTING
- WETLAND MITIGATION/RESTORATION

ON-SITE SEWAGE DISPOSAL INTERPRETATIONS NOT USEFUL

- CONTROLLED BY LOCAL / STATE REGULATION
- AREA REQUIRED FOR SINGLE FAMILY HOME MUCH SMALLER THAN MINIMUM MAP UNIT SIZE
- RATINGS LIMITED TO DEPTH OF 2–5 FEET
 - CONVENTIONAL SYSTEMS OFTEN INSTALLED BELOW FIVE FEET IN SOUTHERN MARYLAND
 - ALTERNATIVE SYSTEMS INSTALLED ABOVE TWO FEET (SAND MOUND)



CONSTRUCTION MATERIALS INTERPRETATIONS NOT USEFUL

- SAND AND GRAVEL PITS
- RATINGS LIMITED TO DEPTH OF 6 FEET
 - COMMERCIAL OPERATIONS OFTEN START BELOW 10 FEET IN SOUTHERN MARYLAND
- RATINGS PREFER MINIMAL PROCESSING
 - SOUTHERN MARYLAND VERY GRAVELLY CLAY LOAM “BANK RUN” OFTEN USED FOR ROAD BEDS



WETLAND DELINEATION INTERPRETATIONS NOT USEFUL

- HYDRIC SOILS
- SUITABILITY RATINGS IN WEB SOIL SURVEY INCLUDE “PARTIALLY HYDRIC” MAP UNITS
 - MANY MAP UNITS CONTAIN A SMALL PERCENTAGE OF HYDRIC COMPONENTS
 - RESULT IS A MAP THAT DOES NOT DISTINGUISH AREAS THAT ARE MOST LIKELY TO CONTAIN HYDRIC SOILS.
- SOIL REPORTS IN WEB SOIL SURVEY NOW CONTAIN HYDRIC RATINGS FOR 5 CATEGORIES OF MAP UNITS
 - PROVIDES TABLE BUT NO MAP



BUILDING SITE DEVELOPMENT INTERPRETATIONS NOT USEFUL

- ENGINEERS CAN FIX ANYTHING



SUMMARY

- SITE SPECIFIC NATURE OF MY WORK LIMITS USEFULNESS OF INTERPRETATIONS
- LOCAL AND STATE REGULATIONS OFTEN CONFLICT WITH INTERPRETATIONS
- DEPTH CONSTRAINTS LIMIT USEFULNESS FOR CONSTRUCTION MATERIALS AND DEVELOPMENT INTERPRETATIONS

