

POND SEALING OR LINING COMPACTED CLAY TREATMENT

INSTRUCTIONS FOR USE OF SPECIFICATION PA 521D

1. APPLICABILITY

Construction Specification PA 521D is applicable to installation of compacted clay liners for ponds and waste storage impoundments.

2. ITEMS TO BE INCLUDED IN SECTION 10 AND/OR DRAWINGS

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| <ul style="list-style-type: none"> a. Material requirements, including but not limited to the type and source of clay. b. Dimensions of the area to be lined c. Maximum fill lift thickness. d. Total liner thickness. e. Allowable/desired moisture content of soil prior to compaction, per Section 6. f. Specify compaction Class A, B, or C per Section 6. For Class C, specify type and weight of compaction equipment and required number of passes | <ul style="list-style-type: none"> h. Special foundation requirements, including drainage where applicable. i. Location and type of outlet for leak detection system, where applicable. j. Sealing requirements at pipes, ramps, or other appurtenances. k. Any special field quality control testing requirements. l. Protective soil cover over bentonite liner, per Section 10. m. Safety components, including emergency egress, fencing, signs. n. Erosion and sediment control. o. Vegetative requirement p. Special equipment needs q. Reference to other practice specifications (e.g. PA606, PA313, PA382, PA 342), where applicable. r. PA One-Call SN# |
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