



April 10, 2018

The Dow Chemical Company
Michigan Operations
Midland, MI 48674

CERTIFIED MAIL
7017 0660 0000 9421 7754

Jack Schinderle, Division Director
Waste Management and Radiological Protection Division
Michigan Department of Environmental Quality
P.O. Box 30241
Lansing, MI 48909

RECEIVED

APR 12 2018

HAZARDOUS WASTE SECTION

cc: Dan Dailey, MDEQ-WMRPD, P.O. Box 30241, Lansing, MI 48909
Trisha Confer, MDEQ-WMRPD, 401 Ketchum St, Suite B, Bay City, MI 48708

**THE DOW CHEMICAL COMPANY – MID 000 724 724, WASTE STORAGE AREA I (WSA I)
DIKE SOUTHEAST END CONCRETE REPLACEMENT - MINOR MODIFICATION
REQUEST**

In accordance with R 299.9519(5) of the administrative rules promulgated pursuant to Part 111, Hazardous Waste Management, of NREPA, 1994 PA 451, as amended, Dow Chemical (Dow) is requesting approval of a minor modification to the Operating License to replace the southeastern portion of the WSA I dike to improve the condition of the concrete.

The condition of the portion of the WSA I concrete dike southeast of 1143 building is deteriorating and the annual costs for maintaining it are high. Due to the condition, Dow has been spending a significant amount of money every year on repairs to the dike. In 2016, the section surrounding 1143 Building was replaced (Amendment #4). This project will replace the remaining concrete southeast of 1143 Building.

The proposed activities associated with this request include: replacing the current 8" slab with a 12" slab, adding a layer of gravel underneath the concrete, adding a layer of insulation in between the gravel and concrete. The dike size will remain the same. Attached are the following supporting documents: 1.) aerial view of WSA I showing the proposed portion of the dike to be replaced; 2.) dike replacement demo plan; 3.) dike replacement slab plan, and 4.) dike replacement slab cross sections and details.

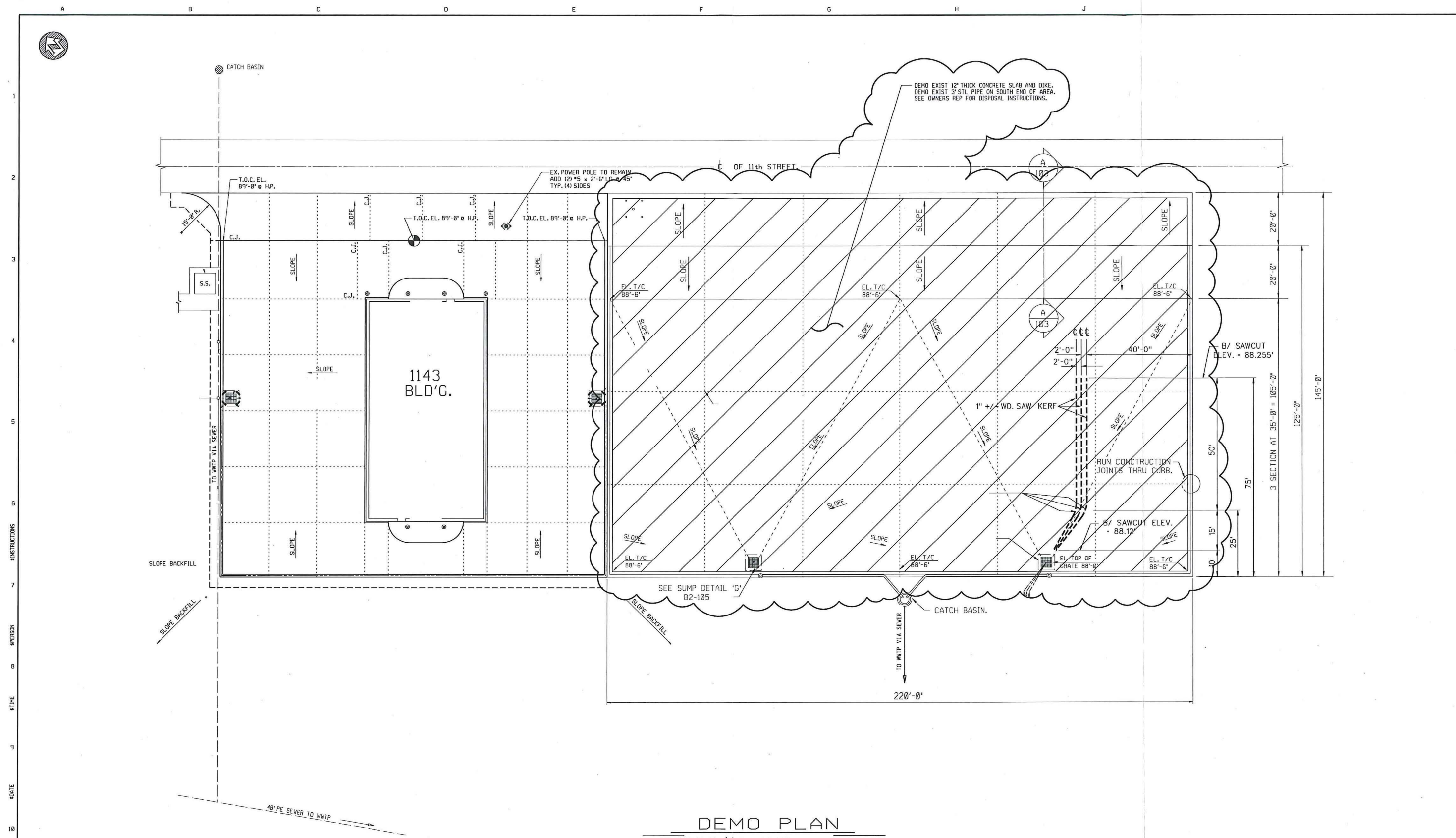
If you have any questions regarding this information, please contact Brad Kischnick (989) 638-9602.

Scott Bemis
Responsible Care Leader
Environment, Health and Safety
1790 Building, Washington Street
Midland, MI 48674

bak
Attachments

WSA I: Southeast Dike Replacement





DEMO PLAN

SCALE: 1/16" = 1'-0"

REVISION					REVISION					DRAWING ISSUE RECORD					DESIGNED					THE DOW CHEMICAL COMPANY				
REV. MARK	BY	CHK	APP	DATE	REV. MARK	BY	CHK	APP	DATE	ISSUE NO.	REV	MATERIAL OR JOB SPEC	BIO	FAB	CONST	REF	DESIGNED	DATE	STATUS	PLANT NO.	MICHIGAN DIVISION ENVIRONMENTAL			
										1							D. MACDOUGALL	MAR2018	PL. SEAL		MIDLAND, MICHIGAN 1143			
																	D. MACDOUGALL	MAR2018						
																	APPROVED	MAR2018						
																	PROJ. ENGR.	MAR2018						
																	C. ROMERO	MAR2018						
																	NFG. REP.	MAR2018						
																	A. ECONOMOU	MAR2018						
																					PROJECT NUMBER 052998			
																					SCALE 1/16"=1'-0"			
																					XB2-102-52998			
																					REV. 2			
																					PAV			

