


1 Purpose	To outline the general requirements for emptying water from NTPC's transformer and fuel tank berms.
2 Application	Applies to all NTPC transformer and fuel tank berms.
3 Definitions	<p>Berm A raised barrier used to contain hazardous material spills.</p> <p>Dewatering Emptying water from a berm.</p>
4 References	<ul style="list-style-type: none"> • Nil
5 Equipment	<ul style="list-style-type: none"> • Nil
6 PPE	<ul style="list-style-type: none"> • CSA-approved safety glasses • Work gloves
7 Training	<ul style="list-style-type: none"> • Spill Response Plan Training
8 Work Practice	<p>Introduction</p> <p>NTPC berms must be dewatered regularly to ensure suitable capacity in the event of a hazardous material spill. Measures shall be taken to ensure that the dewatering process does not present adverse environmental impacts.</p> <p>Guidelines</p> <ul style="list-style-type: none"> • Berms shall be dewatered a minimum of twice per year (e.g., spring and fall) and after heavy or persistent rainfall. • Berms shall be dewatered onto NTPC property. • Berms shall be thoroughly inspected for product or oily sheen prior to dewatering. • Free product shall be collected in 205 L drums and either processed with an oil/water separator or sent to a licensed facility for disposal. • Oily sheen shall be removed from berm water prior to dewatering using oil only sorbent pads. • Berms containing free product (e.g., diesel fuel) shall not be dewatered until the Environmental Analyst is notified and a suitable dewatering procedure is established. • A spill kit shall be accessible during dewatering. Material used from spill kits shall be replaced. • Personnel conducting dewatering shall remain onsite throughout the dewatering process, and shall visually inspect the operation until completion.

 <p>NORTHWEST TERRITORIES POWER CORPORATION <i>Empowering Communities</i></p>	Safe Work Practice: Berm Dewatering	Page 2 of 3
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	<ul style="list-style-type: none"> • Fuel tanks shall not be refilled during berm dewatering. • Berm drains used for dewatering shall be opened only for dewatering operations and closed immediately after.
9 Documentation	<ul style="list-style-type: none"> • Nil

Development

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Prepared by: J. Clark	Environmental Analyst	Mar. 15, 2018
Reviewed by: E. Smith	Director, Health, Safety & Environment	Mar. 15, 2018
Approved by: E. Smith	Director, Health, Safety & Environment	Mar. 15, 2018

Revision History

#	Revised Sections	Description of Revisions	Revised by (name, position)	Approved by (name, position)	Issue Date
01					
02					
03					
04					
05					
06					
07					