



<b>AGENCY USE</b>	<b>Previous USACE File Number</b>	<b>Date Received</b>	<b>DEQ File Number</b>
	<b>USACE File Number</b>		<b>Fee received \$</b>

- Validate that all parts of this checklist are submitted with the application package. Fill out application and additional pages as needed.
- All items in Sections 1 through 9 are completed.
  - Project-specific Sections 10 through 20 are completed.
  - Dimensions, volumes, and calculations are provided for all impact areas.
  - All information contained in the headings for the appropriate Sections (1-20) are addressed, and identified attachments (➔) are included.
  - Map, site plan(s), cross sections; one set must be black and white on 8 ½ by 11 inch paper; photographs.
  - Application fee is attached.

**1 Project Location Information** For Latitude, Longitude, and TRS info anywhere in Michigan see [www.mcgi.state.mi.us/wetlands/](http://www.mcgi.state.mi.us/wetlands/)

Project Address (road, if no street address) <i>See Part I-Supplement (Section 1)</i>	Zip Code	Municipality (Township/Village/City) <i>See Part I Supplement (Section 1, Table 1-1)</i>	County <b>Livingston</b>
Property Tax Identification Number(s) <i>See Part 1-Supplement (Section 2)</i>	Latitude _____ N	Township/Range/Section (TRS) T _____ N or S; R _____ E or W;	
Subdivision/Plat and Lot Number <i>See Part 1-Supplement (Section 2)</i>	Longitude _____ W	Sec _____ OR Private Claim # _____	

**2 Applicant and Agent Information**

Owner/Applicant (individual or corporate name) <b>Buffy Thomason, Rover Pipeline LLC</b>	Agent/Contractor (firm name and contact person) <b>Patricia Patterson, TRC Environmental Corporation</b>
Mailing Address <b>1300 Main Street</b>	Mailing Address <b>650 Suffolk Street</b>
City <b>Houston</b> State <b>TX</b> Zip Code <b>77022</b>	City <b>Lowell</b> State <b>MA</b> Zip Code <b>01854</b>
Contact Phone Number Fax <b>713-989-2844</b>	Contact Phone Number Fax <b>978-656-3540</b> <b>978-453-1995</b>
Email <b>buffy.thomason@energytransfer.com</b>	E-mail <b>ppatterson@trcsolutions.com</b>
<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes Is the applicant the sole owner of all property on which this project is to be constructed and all property involved or impacted by this project? ➔ If no, attach letter(s) of authorization from all property owners including the owner of the disposal site.	
Property Owner's Name (If different from applicant) <i>See Part I-Supplement (Section 2, Appendix A)</i>	Mailing Address
Contact Phone Number	City State Zip Code

**3 Project Description**

Project Name <b>Rover Pipeline Project</b>	Preapplication File Number - - -P
Name of Water body <i>See Supplement-Part I (Sections 3, 10, and 12.</i>	Date project staked/flagged <b>June 2014 through May 2015</b>
The proposed project is on, within, or involves (check all that apply)	
<input type="checkbox"/> an inland lake (5 acres or more) <input checked="" type="checkbox"/> a pond (less than 5 acres) <input checked="" type="checkbox"/> a stream, river, ditch or drain <input checked="" type="checkbox"/> a legally established County Drain Date Drain was established _____ <input type="checkbox"/> a channel/canal <input checked="" type="checkbox"/> 500 feet of an existing water body	<input type="checkbox"/> a Great Lake or Section 10 Waters <input checked="" type="checkbox"/> a wetland <input checked="" type="checkbox"/> a 100-year floodplain <input type="checkbox"/> a dam <input type="checkbox"/> a designated high risk erosion area <input type="checkbox"/> a designated critical dune area <input type="checkbox"/> a designated environmental area
Project Use	
<input type="checkbox"/> private <input type="checkbox"/> commercial <input type="checkbox"/> public/government <input type="checkbox"/> project is receiving federal/state transportation funds <input type="checkbox"/> Wetland Restoration <input checked="" type="checkbox"/> other <b>natural gas pipeline</b>	
Indicate the type of permit being applied for: <input type="checkbox"/> General Permit <input type="checkbox"/> Minor Project <input checked="" type="checkbox"/> Individual (All other projects.) ➔ See Appendix C.	
Written Summary of All Proposed Activities <i>See Supplement-Part I (Section 3)</i>	
Construction Sequence and Methods <i>See Supplement-Part I (Section 3) and Part II - Maps &amp; Drawings</i>	



<b>10 Projects Impacting Inland Lakes, Streams, Great Lakes, Wetlands or Floodplains</b>			
<ul style="list-style-type: none"> <li>Complete only those sections A through M applicable to your project.</li> <li>If your project impacts wetlands also complete Section 12. If your project impacts regulated floodplains also complete Section 13.</li> <li>To calculate volume in cubic yards (cu yd), multiply the average length in feet (ft) times the average width (ft) times the average depth (ft) and divide by 27. Example: (25 ft long x 10 ft wide x 2 feet deep) / 27 = 18.5 cubic yards</li> <li>Some projects on the Great Lakes require an application for conveyance prior to Joint Permit Application completeness.             <ul style="list-style-type: none"> <li>Provide a black and white overall site plan, with cross-section and profile drawings. Show existing lakes, streams, wetlands, and other water features; existing structures; and the location of all proposed structures, land change activities and soil erosion and sedimentation control measures. Review Appendix B and EZ Guides for aid in providing complete site-specific drawings.</li> <li>Provide tables for multiple impact areas or multiple activities such as multiple fill areas or multiple culverts. Include your calculations.</li> </ul> </li> </ul>			
<b>Water Level Elevation</b>			
On inland waters <input type="checkbox"/> NGVD 29 <input type="checkbox"/> NAVD 88 <input type="checkbox"/> other		Observed water elevation (ft)	date of observation (M/D/Y)
On a Great Lake <input type="checkbox"/> IGLD 85 <input type="checkbox"/> surveyed <input type="checkbox"/> converted from observed still water elevation.			
<input type="checkbox"/> <b>A. PROJECTS REQUIRING FILL</b> (See All Sample Drawings)			
<ul style="list-style-type: none"> <li>Attach a site plan and cross-section views to scale showing maximum and average fill dimensions with calculations.</li> <li>For multiple impact areas on a site provide a table with location, dimensions and volumes for each fill area.</li> </ul>			
Purpose	<input type="checkbox"/> bioengineered shore protection	<input type="checkbox"/> boat ramp	<input type="checkbox"/> boat well <input type="checkbox"/> bridge or culvert <input type="checkbox"/> crib dock
	<input type="checkbox"/> riprap	<input type="checkbox"/> seawall	<input type="checkbox"/> swim area <input type="checkbox"/> other
Dimensions of fill (ft)		Total volume (cubic yards)	Volume below OHWM (cubic yards)
Length	Width      Maximum Depth		
Maximum water depth in fill area (ft)		Area filled (sq ft)	Will filter fabric be used under proposed fill? <input type="checkbox"/> No <input type="checkbox"/> Yes (If Yes, type)
Fill will extend	feet into the water from the shoreline and upland		feet out of the water.
Type of clean fill	<input type="checkbox"/> peastone      % <input type="checkbox"/> sand      % <input type="checkbox"/> gravel      % <input type="checkbox"/> other		
Source of clean fill	<input type="checkbox"/> commercial <input type="checkbox"/> on-site <input type="checkbox"/> other	<ul style="list-style-type: none"> <li>If on-site, show location on site plan.</li> <li>If other, attach description of location.</li> </ul>	
<input checked="" type="checkbox"/> <b>B. PROJECTS REQUIRING DREDGING OR EXCAVATION</b> (See Sample Drawings)			
<ul style="list-style-type: none"> <li>Refer to <a href="http://www.mi.gov/jointpermit">www.mi.gov/jointpermit</a> for spoils disposal and authorization requirements.</li> <li>Attach a site plan and cross-section views to scale showing maximum and average dredge or excavation dimensions with calculations.</li> <li>For multiple impact areas on a site provide a table with location, dimensions and volumes for each dredge/excavation area.</li> </ul>			
Purpose	<input type="checkbox"/> boat ramp	<input type="checkbox"/> boat well	<input type="checkbox"/> bridge or culvert <input type="checkbox"/> maintenance dredge
	<input type="checkbox"/> navigation	<input type="checkbox"/> pond/basin	<input checked="" type="checkbox"/> other <b>pipeline installation (see Supplement-Part I)</b>
Dimensions (ft)		Total volume (cu yds)	Volume below OHWM (cu yds)
Length	Width <b>Varies</b> Maximum Depth <b>8.5</b>	<b>3,337</b>	<b>3,337</b>
Has this same area been previously dredged?	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	If Yes, provide date and permit number:	
Will the previously dredged area be enlarged?	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	If Yes, when and how much?	
Is long-term maintenance dredging planned?	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	If Yes, how often?	
Dredge or Excavation Method <input type="checkbox"/> Hydraulic <input checked="" type="checkbox"/> Mechanical <input type="checkbox"/> other			
Spoils Disposal	Dredged or excavated spoils will be placed <input checked="" type="checkbox"/> on-site <input type="checkbox"/> landfill <input type="checkbox"/> USACE confined disposal facility <input type="checkbox"/> other upland off-site		
	For disposal, provide a <ul style="list-style-type: none"> <li>Detailed spoils disposal area location map and site plan with property lines.</li> <li>Letter of authorization from property owner of spoils disposal site, if disposed off-site.</li> </ul>		
For volumes less than 5,000 cu yards, has proposed dredge material been tested for contaminants within the past 10 years? <input type="checkbox"/> No <input type="checkbox"/> Yes <ul style="list-style-type: none"> <li>If Yes, provide test results with a map of sampling locations.</li> </ul>			
<input type="checkbox"/> <b>C. PROJECTS REQUIRING RIPRAP</b> (See Sample Drawings 2, 3, 8, 12, 14, 22, and 23)			
Riprap water ward of the ordinary high water mark: dimensions (ft)    length      width      depth			Volume(cu yd)
Riprap landward of the ordinary high water mark: dimensions (ft)    length      width      depth			Volume(cu yd)
Type and size of riprap (inches)		Will filter fabric or pea stone be used under proposed riprap?	
<input type="checkbox"/> field stone <input type="checkbox"/> angular rock <input type="checkbox"/> other		<input type="checkbox"/> No <input type="checkbox"/> Yes, Type	



**12 Activities That May Impact Wetlands** (See Sample Drawings 8 & 9). Complete other Sections as applicable.

- Locate your site and wetland information with the DEQ Wetlands Map Viewer at [www.mcgi.state.mi.us/wetlands/](http://www.mcgi.state.mi.us/wetlands/)
- For information on the DEQ's Wetland Identification Program (WIP) visit [www.mi.gov/wetlands](http://www.mi.gov/wetlands).
  - ➔ Provide a detailed site plan with labeled property lines, upland and wetland areas, and dimensions and volumes of wetland impacts.
  - ➔ Complete the wetland dredge and wetland fill dimension information below for each impacted wetland area.
  - ➔ Attach tables for multiple impact areas or activities.
  - ➔ Attach at least one cross-section for each wetland dredge and/or fill area; show wetland and upland boundaries on the cross-section.

Has the DEQ conducted a wetland assessment for this parcel?		<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	➔ If Yes, provide a copy or WIP number:	
Has a professional wetland delineation been conducted for this parcel?		<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes	➔ If Yes, provide a copy with data sheets	
Is there a recorded DEQ easement on the property?		<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	➔ If Yes, provide the easement number	
Did the applicant purchase the property before October 1, 1980?		<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	➔ If Yes, provide documentation.	
Is any grading or mechanized land clearing proposed?		<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes	➔ If Yes, label the locations on the site plan.	
Has any of the proposed grading or mechanized land clearing been completed?		<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	➔ If Yes, label the locations on the site plan	
Proposed Activity <input type="checkbox"/> boardwalk or deck (Section 10I) <input type="checkbox"/> bridges and culverts (Section 14) <input type="checkbox"/> designated environmental area <input type="checkbox"/> dewatering <input type="checkbox"/> draining surface water <input type="checkbox"/> driveway / road <input type="checkbox"/> fences (Section 10L) <input type="checkbox"/> fill or dredge <input type="checkbox"/> restoration <input type="checkbox"/> septic system <input type="checkbox"/> stormwater discharge (Section 10J) <input checked="" type="checkbox"/> other <b>underground gas pipeline</b>				
<b>FILL</b>	Dimensions maximum length (ft) <b>12,696</b> maximum width (ft) <b>12</b>	Area <input checked="" type="checkbox"/> acres <input type="checkbox"/> sq ft <b>27.05</b> <b>Temporary - See Supplement Section 12</b>	Average depth (ft) <b>8.5</b>	Volume (cu yd) <b>39,657</b> <b>Temporary</b>
	Dimensions maximum length (ft) <b>12,696</b> maximum width (ft) <b>12</b>	Area <input checked="" type="checkbox"/> acres <input type="checkbox"/> sq ft <b>27.05</b> <b>Temporary - See Supplement Section 12</b>	Average depth (ft) <b>8.5</b>	Volume (cu yd) <b>39,657</b> <b>Temporary</b>
<b>Spoils Disposal</b>	Dredged or excavated spoils will be placed <input checked="" type="checkbox"/> on-site <input type="checkbox"/> landfill <input type="checkbox"/> USACE confined disposal facility <input type="checkbox"/> other upland off-site			
	For disposal, provide a    ➔ Detailed spoils disposal area location map and site plan with property lines. ➔ Letter of authorization from property owner of spoils disposal site, if disposed off-site.			
<b>Septic System</b>	The proposed project will be serviced by: <input type="checkbox"/> public sewer <input type="checkbox"/> private septic system ➔ Show system on plans.		If a private septic system is proposed, has an application for a permit been made to the County Health Department? <input type="checkbox"/> No <input type="checkbox"/> Yes If Yes, has a permit been issued? <input type="checkbox"/> No <input type="checkbox"/> Yes ➔ Provide a copy of the permit.	
	Describe the wetland impacts, the proposed use or development, and the alternatives considered: <b>See Supplement (Section 12)</b>			
Does the project impact more than 1/3 acre of wetland? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes ➔ If Yes, submit a Mitigation Plan with the type and amount of mitigation proposed. For more information go to <a href="http://www.mi.gov/wetlands">www.mi.gov/wetlands</a>				
Describe how impacts to waters of the United States will be avoided and minimized: <b>See Supplement (Section 12)</b>				
Describe how the impact to waters of the United States will be compensated. OR Explain why compensatory mitigation should not be required for the proposed impacts. <b>See Supplement (Section 12)</b>				

**18 Utility Crossings** (See Sample Drawings 12 and 13, and EZ Guide)

- If side casting is proposed, complete Sections 10A and 10B. If spoils will be placed in or impact wetlands, complete Section 12.
  - ➔ Attach additional sheets or tables with the requested information as needed for multiple crossings.
  - ➔ For wetland crossings using the open trench method show clay plugs at the wetland/upland boundaries on the plans.

Crossing of  Inland Lake or Stream  floodplain  Great Lake  wetlands (also complete Section 12)What method will be used to construct the crossings?  directional boring  jack and bore  open trench  plow / knife  flume

Utility Type	Number of lake or stream crossings	Number of wetland crossings	Pipe diameter with casing (in)	Pipe length per crossing (ft)	Distance below streambed or wetland (in)	Trench width (ft)
<input type="checkbox"/> sanitary sewer						
<input type="checkbox"/> storm sewer						
<input type="checkbox"/> watermain						
<input type="checkbox"/> cable						
<input type="checkbox"/> electric						
<input type="checkbox"/> fiber optic cable						
<input checked="" type="checkbox"/> oil/gas pipeline	<b>12</b> <i>(see Table 10-1)</i>	<b>57</b> <i>(see Table 12-1)</i>	<b>42 inches</b>	<b>Varies</b>	<b>36 inches in wetlands</b> <b>60 inches under streams</b>	<b>Varies</b>

**19 Marina Construction, Expansion and Reconfiguration** (See Sample Drawing 21)

- For more information go to [www.mi.gov/marinas](http://www.mi.gov/marinas)
- Marinas located on the Great Lakes, including Lake St. Clair, may be required to secure leases or conveyances from the state of Michigan to place structures on the bottomlands. If a conveyance is necessary, an application must be submitted before the Joint Permit Application can be determined complete.
  - ➔ Fully complete Section 10 E. For multiple structures provide a table with the requested information.
  - ➔ Enclose a copy of any current pump-out agreement with another marina facility, if on-site sanitary pump out facilities are not available.
  - ➔ Attach a copy of the property legal description, mortgage survey, or a property boundary survey to your application.
  - ➔ The WRD may require a riparian interest area (RIA) estimate survey, sealed by a licensed surveyor, in order to determine whether the proposed project will adversely impact riparian rights. Include any available sealed RIA estimate survey and/or written authorizations from affected adjoining riparian owners with your application.

Proposed Marina Activity  New construction  Expansion  ReconfigurationDo you have an existing Great Lake Conveyance?  No  Yes For more information visit [www.mi.gov/deggreatlakes](http://www.mi.gov/deggreatlakes).Are sanitary pump-out facilities available?  No  Yes Is there a pump out agreement?  No  Yes If Yes, provide a copy.

Marina Description	Current Count	Final Count
Number of boat slips/wells (do not include broadside dockage or mooring buoys)		
Lineal feet of broadside dockage		
Maximum number of boats at broadside dockage		
Number of mooring buoys		
Number of launch ramps/lanes		