

From: [Vojin Janjic](#)
To: [Elizabeth Rorie](#)
Cc: [Paul Higgins](#)
Subject: FW: Wacker Hydrostatic Test
Date: Tuesday, September 02, 2014 12:37:44 PM
Attachments: [Wacker Hydrostatic Application.pdf](#)

Vojin Janjic
Manager, Water Based Systems, DWR
(615) 532-0670

We accept and encourage electronic document submittals.

Please tell us how you think we're doing by completing this survey: [TDEC Customer Satisfaction Survey](#)

From: Geren, Joseph Shane [mailto:JosephShane.Geren@wacker.com]
Sent: Tuesday, September 02, 2014 11:47 AM
To: Vojin Janjic
Cc: Michael Bascom; Copeland, Jeremy; Michael J. Kendall (mkendall@atwell-group.com)
Subject: RE: Wacker Hydrostatic Test

***** This is an EXTERNAL email. Please exercise caution. DO NOT open attachments or click links from unknown senders or unexpected email - OIR-Security. *****

Vojin,

Please find attached our General NPDES Permit For Discharges Of Hydrostatic Test Water Application as stated in my original e-mail below.

Sincerely,

Joseph Shane Geren
Environmental Engineer
Wacker Polysilicon North American LLC
PO Box 446
Charleston, TN 37310-0446
o:423.780.8160
c:423.829.7104
josephshane.geren@wacker.com

From: Vojin Janjic [mailto:Vojin.Janjic@tn.gov]
Sent: Tuesday, August 26, 2014 10:38 AM
To: Geren, Joseph Shane
Cc: Copeland, Jeremy; Paul Higgins
Subject: RE: Wacker Hydrostatic Test

Good morning, Joseph

Please submit a Hydrostatic NOI for this activity, and we will issue a NOC. It typically does not take us more than a day or two.

Vojin Janjic
Manager, Water Based Systems, DWR
(615) 532-0670

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Please tell us how you think we're doing by completing this survey: [TDEC Customer Satisfaction Survey](#)

From: Geren, Joseph Shane [<mailto:JosephShane.Geren@wacker.com>]
Sent: Tuesday, August 26, 2014 9:23 AM
To: Vojin Janjic
Cc: Copeland, Jeremy
Subject: Wacker Hydrostatic Test

Good morning.

After talking to both Micah Gravitt and Michael Bascom yesterday morning about a future hydrostatic test to be conducted at facility that is still under construction, Michael recommended that I send you an e-mail followed by a NOI for General NPDES Permit No. TNG670000 for Discharges of Hydrostatic Test Water.

Specifics regarding the future hydrostatic test are listed below:

1. A hydrostatic test will be conducted on the new, unused, 24" diameter x 6,655 ft. long, HDPE, wastewater effluent discharge line between September 15-30, 2014. This water discharge line begins at our wastewater treatment plant and terminates at the Hiawassee River at our future permitted Outfall 001 location.
2. The water discharge line will be filled with water from one of the onsite fire hydrants. The source of the fire hydrant water is Cleveland Utilities.
3. The water discharge line will be tested in two sections, each section being pressurized up to 135 psi and maintained for 2 hours. The water in the first section will be released into the second section with more water being added to the first section until the 135 psi can be achieved.
4. After the second test is successfully completed, the water inside the water discharge line will be tested with chlorine test strips. If the chlorine test strips conclude that chlorine is absent then the water will be ready to release into the Hiawassee River in the location of future permitted Outfall 001 location which is permitted under NPDES Permit No. TN0081311. If the test is positive for chlorine then the water will be allowed to sit and will be retested after 24 hours until the test is negative.
5. The total volume of the entire water discharge line to be released into the Hiawassee River is 160,000 gallons. This water will be released from the water discharge line via a 6" diameter hose which will be controlled with a ball valve. The end of the hose will be placed 15-20 ft. down the left descending bank of the Hiawassee River at the location of future permitted Outfall 001 location. With the release of the water being controlled by the ball valve no erosion of soil or other materials will occur.

The reason for talking to Micah and Michael was due to the General NPDES Permit No. TNG670000 (Hydrostatic Test Water) being voided if we possessed either an individual NPDES permit or alternative NPDES general permit as stated on page 13, Section 11.10.3. We possess two permits in the form of NPDES Permit No. TN0081311 (Process Water) and General NPDES Stormwater Permit TNR112164 (Utility Corridor).

A similar concept as stated above will be followed concerning our river water intake line.

We request your guidance on what is required to authorize Wacker to discharge the hydrostatic test water, as summarized above.

Sincerely,

Joseph Shane Geren
Environmental Engineer

Wacker Polysilicon North American LLC

PO Box 446

Charleston, TN 37310-0446

o:423.780.8160

c:423.829.7104

josephshane.geren@wacker.com

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WACKER

POLYSILICON

September 2, 2014

Vojin Janjic
Manager, Water Based Systems, DWR
312 Rosa L. Parks Avenue
William R. Snodgrass, Tennessee Tower
Nashville, TN 37243

**RE: Wacker Polysilicon North America, LLC
General NPDES Permit For Discharges Of Hydrostatic Test Water Application
Chickamauga Reservoir, Hiwassee River Mile 15.9 Left Bank
Bradley County, Tennessee**

Dear Mr. Janjic:

Pursuant to your e-mail request on August 26, 2014 please find enclosed the following documents related to our General NPDES Permit For Discharges Of Hydrostatic Test Water application:

1. Signed Notice of Intent (NOI)
2. Location Map

If you have any questions, please contact me at (423) 780-8160 or Jeremy Copeland at (423) 780-7953 in my absence.

Sincerely,



Shane Geren
Environmental Engineer
Wacker Polysilicon North America, LLC

GENERAL NPDES PERMIT FOR DISCHARGES OF HYDROSTATIC TEST WATER APPLICATION

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ITEM A - TITLE PAGE

**GENERAL NPDES PERMIT FOR DISCHARGES OF
HYDROSTATIC TEST WATER APPLICATION**

for

WACKER POLYSILICON NORTH AMERICA, LLC

**553 McBryant Road NW
P.O. Box 446
Charleston, TN 37310**

Bradley County, Tennessee

ITEM B – NOTICE OF INTENT (NOI)



TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION
 DIVISION OF WATER POLLUTION CONTROL
 6TH FLOOR, L&C ANNEX, 401 CHURCH ST, NASHVILLE, TN 37243

NOTICE OF INTENT (NOI) for discharges of HYDROSTATIC TEST WATER

Site Name: WPNA Water Discharge Line		Existing Tracking No:
Street Address 553 McBryant Road NW or Location: Charleston, TN 37310		Latitude: 35°18' 41.106"
		Longitude: -84°46' 50.494"
County (ies): Bradley	Attach a site location map	<input checked="" type="checkbox"/> Map attached
Name and distance to nearest receiving waters: Chickamauga Reservoir; Hiwassee River mile 15.9 left bank		

Owner or Operator: (the person or legal entity which controls the site's operation; this may or may not be the same as the site name or the official contact name)				
1	Official Contact Person Name: (individual responsible for a site) Dr. Konrad Bachhuber	Title or Position: VP and Site Manager		
	Mailing Address: P.O. Box 446	City: Charleston	State: TN	Zip: 37310-0446
	Phone: (423) 780-8800	E-mail: konrad.bachhuber@wacker.com		
2	Local Contact Person Name: (if appropriate, write "same as #1") Jeremy Copeland	Title or Position: Environmental Manager		
	Site Address: (this may or may not be the same as street address) P.O. Box 446	Site City: Charleston	State: TN	Zip: 37310-0446
	Phone: (423) 780-7953	E-mail: jeremy.copeland@wacker.com		
Write in the box (to the right) or circle the number (above) to indicate where to send correspondence:				2

PROCESS DESCRIPTION (Reply on a separate page, if necessary)

A brief description of the facility or vessel to be tested:
 1) One (1) 24" diameter x 6,655 ft. long, HDPE water discharge line
 2) One (1) 24" diameter x 7,958 ft. long, HDPE river water intake line

Is the vessel to be tested new or used? new used

Estimate of the volume of hydrostatic test water to be discharged.
 1) 160,000 gallons for water discharge line & 2) 187,000 gallons for river water intake line

Source of the test water.
 Cleveland Utilities potable water from an on-site fire hydrant

A description of material that has been contained in the vessel, if the vessel has already been in use.
 N/A

Estimated dates of testing, frequency of tests, and duration.
 1) Sept. 15-30, 2014; One (1) line tested in 2 sections each pressurized up to 135 psi and maintained for 2 hours & 2) Intake yet to be determined

A brief description of Best Management Practices (BMPs) and/or treatment of the hydrostatic test water discharges.
 1) Water will settle inside pipe to dissipate chlorine. Test strips to be used. If tests are negative then water will be released into Hiwassee River in the location of future out-fall 001, which is permitted under TN0081311, via a 6" diameter hose with a ball valve to control flow rate. End of hose will be placed 15-20 ft. down river bank.
 2) Similar to item 1), except water may be discharged at outfall location 002.

Indicate how long you wish to be covered under this general permit; the division will establish a 12 month term of coverage unless you request a longer time. Please note that coverage under this permit cannot extend beyond the expiration date of the general permit (March 15, 2016).
 2 years 3 years 4 years 5 years

STATE USE ONLY


Received Date	Reviewer	EFO	Tracking No. TNG67	High Quality Water
Fee(s)	T & E Aquatic Fauna	Impaired Receiving Stream		NOC Date

HYDROSTATIC TEST WATER NOI

Site Name:	Tracking No:
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For used sections of natural gas pipeline, permit TNG670000 establishes a limit on the concentration of PCBs in the hydrostatic test water discharge unless the discharger certifies that PCBs have never been used on the pipeline or their presence indicated in the pipeline, as follows:

Polychlorinated Biphenyls (PCBs) have never been used in compressors or other equipment on the pipeline of which the above-described section is a part, nor has the presence of PCBs been indicated in the pipeline of which the above-described section is a part.

Printed Name	Official Title	Signature	Date
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.			
Dr. Konrad Bachhuber	VP and Site Manager		09/02/2014
Printed Name	Official Title	Signature	Date

INSTRUCTIONS

Complete the form Type or print clearly, using black or blue ink; not markers or pencil. Answer each item or enter "N/A," for not applicable. If you need additional space, attach a separate piece of paper to the hydrostatic NOI (Notice of Intent). **Requesting coverage under this permit means that an applicant has obtained and examined a copy of this permit, and thereby acknowledges applicant's ability to be in compliance with permit terms and conditions.** This permit is required for discharges of hydrostatic test water. This form should be submitted at least 30 days prior to the commencement of hydrostatic testing activities.

Permittee Identification/Facility Identification Describe and locate the project, use the legal or official name of the facility or site. Provide the latitude and longitude (expressed in decimal degrees) of the center of the site, which can be located on USGS quadrangle maps. Attach a copy of a portion of a 7.5 minute quad map, showing location of site, with boundaries at least one mile outside the site boundaries.

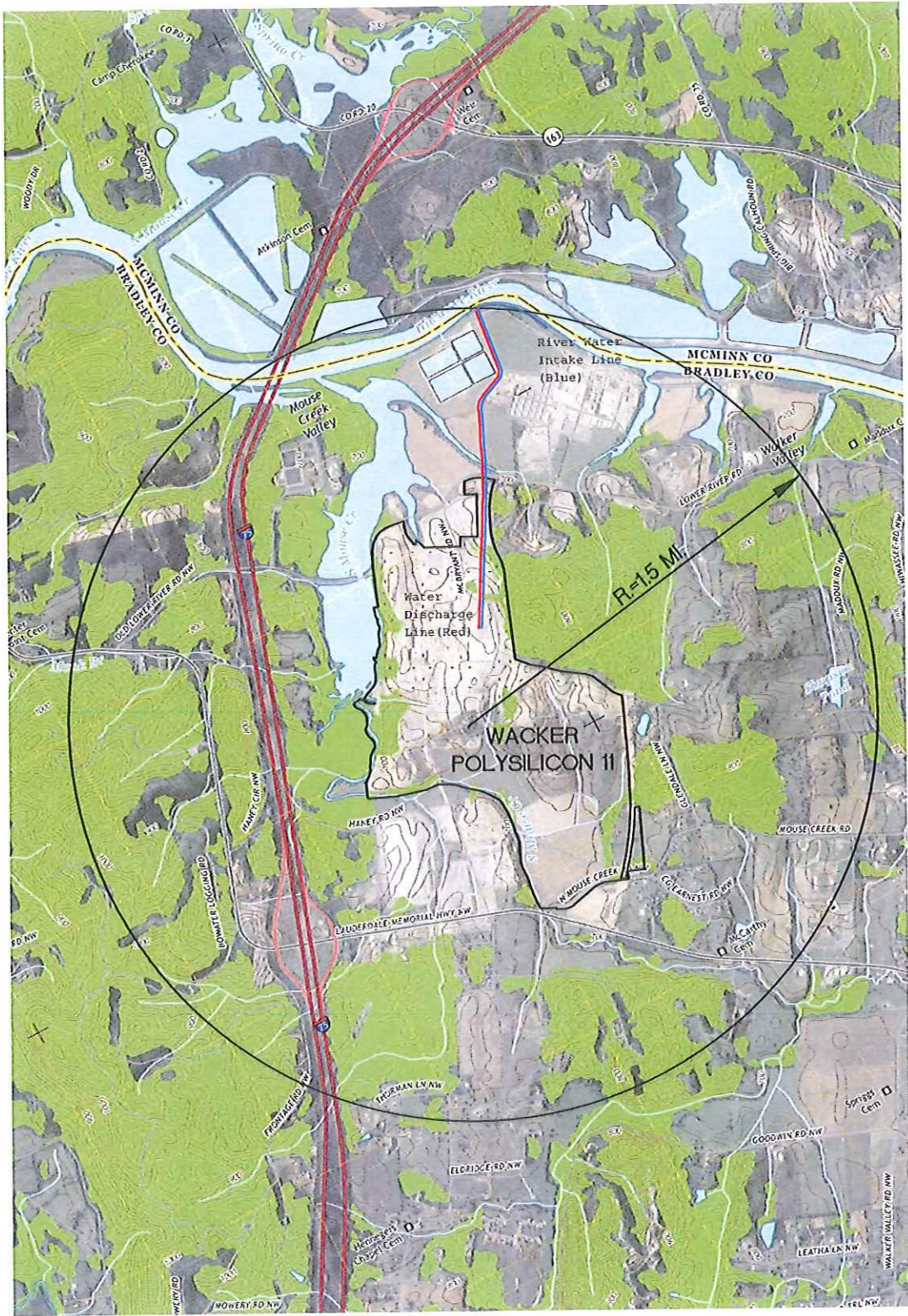
Give the name(s) of receiving waters Trace the route of hydrostatic test water runoff from the site and determine the name of the river(s), stream(s), creek(s), wetland(s), lake(s) or any other water course(s) into which the hydrostatic test water drains. Note that the receiving water course may or may not be located on the site. If the first water body receiving test water discharge is unnamed ("unnamed tributary"), determine the name of the water body which the unnamed tributary enters.

Submitting the form and obtaining more information Note that this form must be signed by the company President, Vice-President, or a ranking elected official in the case of a municipality, for details see subpart 11.9 of the general permit. For more information, contact your local EFO, toll-free, at 1-888-891-8332 (TDEC). Submit the completed NOI form (keep a copy for your records) to the appropriate EFO for the county(ies) where the hydrostatic testing activity is located.

EFO	Street Address	City	Zip Code	Telephone
Chattanooga	540 McCallie Avenue STE 550	Chattanooga	37402	(423) 634-5745
Columbia	1421 Hampshire Pike	Columbia	38401	(931) 380-3371
Cookeville	1221 South Willow Ave.	Cookeville	38506	(931) 432-4015
Jackson	1625 Hollywood Drive	Jackson	38305	(731) 512-1300
Johnson City	2305 Silverdale Road	Johnson City	37601	(423) 854-5400
Knoxville	3711 Middlebrook Pike	Knoxville	37921	(865) 594-6035
Memphis	8383 Wolf Lake Drive	Bartlett	38133	(901) 371-3000
Nashville	711 R S Gass Boulevard	Nashville	37216	(615) 687-7000

Notice of Coverage The division will review the NOI for completeness and accuracy and transmit to the permittee a Notice of Coverage (NOC) and Discharge Monitoring Report (DMR) form.

ITEM C – LOCATION MAP



SHEET NO. 1 OF 1	DATE: 12/15/2010	CLIENT: WACKER POLYSILOXON NORTH AMERICA, LLC WACKER POLY 11 TENNESSEE STORM WATER POLLUTION PREVENTION PLANS LOCATION MAP	CHARLESTON BRADLEY COUNTY, TENNESSEE
PROJECT NO.: 10-00000000-0000	DRAWN BY: J. W. BROWN	CHECKED BY: J. W. BROWN	DATE: 12/15/2010
SCALE: 1" = 1000'	PROJECT:	SHEET:	TOTAL SHEETS: