

**TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER RESOURCES
MEMPHIS ENVIRONMENTAL FIELD OFFICE
AQUATIC RESOURCE ALTERATION PERMIT COMPLIANCE INSPECTION**

DATE: 11/15/23 Time on-site: 0900 Last Rain Event: _____ Photos taken: YES NO

Inspectors: Heather Smith, Joellyn Brazile, TDEC DWR

Location name: Blue Oval City

Lat/Long: 35.439648, -89.433431

ARAP No.: NRS21.238

Type Inspection: Routine: <input checked="" type="checkbox"/> Complaint: <input type="checkbox"/> Follow-up <input type="checkbox"/> Termination: <input type="checkbox"/>

Alterations Complete? Mitigation Required? Mitigation Complete?

Work compliant with permit? Site stable? Follow Up needed?


SITE CONDITIONS

Heather Smith and Joellyn Brazile with DWR conducted a routine inspection of the site on November 15, 2023.
No alterations were observed within Wetlands 5 and 2, which were to be undisturbed as per the plans submitted to the Division. However, no signage was observed on site labeling Wetlands 5 and 2 as protected wetlands, as required by Special Condition 12 of ARAP NRS21.238. The western segment of Stream 1-A has not been encapsulated as shown in the submitted plans. This segment of Stream 1-A appears to have been realigned, which was not included in the submitted plans. Bare unstable soils and erosional rills were observed within the segment of Stream 2 that was channelized under NRS21.238. Water was impounded on the upgradient end of the segment of Stream 9 that will be encapsulated. A check dam was observed installed in Stream 1-B at the northern terminus of the segment of Stream 1-B that has been channelized.




Heather Smith
Environmental Consultant 2
Division of Water Resources
Memphis Environmental Field Office


Photographic Log

Project: Blue Oval City		Site Location: 2672 Keeling Road		Permit No.: NRS21.238	
Photo No. 01	Date 11/15/2023	DIRECTION 59 deg(T)	35.43653°N 089.41636°W	ACCURACY 5 m DATUM WGS84	
<p>Description View of wetland 2, near the southwestern corner of the wetland. No alterations were observed within this wetland, which was to be left undisturbed as per ARAP NRS21.238. However, no signage was observed identifying this area as protected wetlands to which no disturbance is permitted.</p>		 <div style="text-align: right; margin-top: 10px;"> <p>2023-11-15 09:33:41-06:00</p> </div>			


Photographic Log

Project:		Site Location:	Permit No.:
Blue Oval City		2672 Keeling Road	NRS21.238
Photo No.	Date	DIRECTION 356 deg(T) 35.43487°N ACCURACY 4 m 089.43467°W DATUM WGS84	
02	11/15/2023		
Description		2023-11-15 09:56:09-06:00	
View of the undisturbed segment of Stream 11, which was not proposed to be disturbed under NRS21.238. No disturbance was observed within this segment of the stream.			


Photographic Log

Project:		Site Location:	Permit No.:
Blue Oval City		2672 Keeling Road	NRS21.238
Photo No.	Date	DIRECTION	ACCURACY 5 m DATUM WGS84
03	11/15/2023	222 deg(T)	35.43296°N 089.44128°W
Description View of the northern end of the portion of Stream 1-A permitted to be encapsulated, looking southwest. No flow was observed within the work area.			


Photographic Log

Project: Blue Oval City		Site Location: 2672 Keeling Road	Permit No.: NRS21.238
Photo No. 04	Date 11/15/2023	DIRECTION 288 deg (T)	35.42915°N 089.44774°W ACCURACY 5 m DATUM WGS84
Description View of Stream 1-A, near the southwestern terminus of the segment of Stream 1-A that was permitted to be encapsulated, looking west. The stream was not encapsulated in this area as shown on plans submitted as part of NRS21.238.		 <p>2023-11-15 10:48:14-06:00</p>	


Photographic Log

Project: Blue Oval City		Site Location: 2672 Keeling Road		Permit No.: NRS21.238	
Photo No. 05	Date 11/15/2023	DIRECTION 175 deg(T)	35.42915°N 089.44776°W	ACCURACY 5 m DATUM WGS84	
<p>Description View of Stream 1-A in the same location as photo 04, looking south. The stream appears to have been realigned which was not included in the plans submitted under NRS21.238. The banks had been hydroseeded and grass was observed establishing. Several checks dams were installed across the channel.</p>					


Photographic Log

Project:		Site Location:	Permit No.:
Blue Oval City		2672 Keeling Road	NRS21.238
Photo No.	Date	DIRECTION 35.42753°N 181 deg(T) 089.44222°W ACCURACY 4 m DATUM WGS84	
06	11/15/2023		
Description View looking south, at the segment of Stream 2 that was channelized as part of the alterations permitted under NRS21.238. Erosional rills (circled) were observed along both banks of the channelized segment of the stream.			
		2023-11-15 11:05:41-06:00	


Photographic Log

Project: Blue Oval City		Site Location: 2672 Keeling Road		Permit No.: NRS21.238
Photo No. 07	Date 11/15/2023	DIRECTION 247 deg(T)	35.42752°N 089.44222°W	ACCURACY 4 m DATUM WGS84
<p>Description Another view of the channelized segment of Stream 2, looking west southwest. While some vegetation was observed within the stream, both banks of the stream appeared unstable and numerous erosional rills were observed.</p>				
		2023-11-15 11:05:46-06:00		

Photographic Log

Project: Blue Oval City		Site Location: 2672 Keeling Road		Permit No.: NRS21.238	
Photo No. 08	Date 11/15/2023	DIRECTION 352 deg(T)	35.42764°N 089.44416°W	ACCURACY 5 m DATUM WGS84	
<p>Description View of Stream 9, looking north, towards the segment of the stream permitted to be encapsulated under NRS21.238. Water was impounded on the upgradient end of the work area within the stream. Check dams and other in-flow treatments are not authorized to be placed within streams.</p>					
		2023-11-15 11:10:42-06:00			

Photographic Log

Project: Blue Oval City		Site Location: 2672 Keeling Road	Permit No.: NRS21.238
Photo No. 09	Date 11/15/2023	DIRECTION 53 deg(T)	35.43320°N 089.44149°W ACCURACY 4 m DATUM WGS84
Description A view of the check dam installed in Stream 1-B at the northern terminus of the segment of the stream channelized under NRS21.238. Checkdams and other in-flow treatments are not authorized to be placed within streams.		 <p>2023-11-15 10:37:56-06:00</p>	