

Inspection Certification

Date: 10/03/23

I, Clarence L. Howard, certify under penalty of law that these inspection records and all attachments, to the best of my knowledge, were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated information presented. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, I certify, to the best of my knowledge, that inspections of stormwater discharge points (outfalls) and of erosion and sediment controls have been performed as recorded in these records. I certify, to the best of my knowledge, that erosion prevention and sediment controls in the drainage area of the identified outfall were installed as planned and designed and in working order as recorded in these records. I am aware there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature

Ola MAan



Inspection Certification

Date: 10/17/23

I, Clarence L. Howard, certify under penalty of law that these inspection records and all attachments, to the best of my knowledge, were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated information presented. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, I certify, to the best of my knowledge, that inspections of stormwater discharge points (outfalls) and of erosion and sediment controls have been performed as recorded in these records. I certify, to the best of my knowledge, that erosion prevention and sediment controls in the drainage area of the identified outfall were installed as planned and designed and in working order as recorded in these records. I am aware there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature

Ola MAare



Inspection Certification

Date: 10/31/23

I, Clarence L. Howard, certify under penalty of law that these inspection records and all attachments, to the best of my knowledge, were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated information presented. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, I certify, to the best of my knowledge, that inspections of stormwater discharge points (outfalls) and of erosion and sediment controls have been performed as recorded in these records. I certify, to the best of my knowledge, that erosion prevention and sediment controls in the drainage area of the identified outfall were installed as planned and designed and in working order as recorded in these records. I am aware there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature

Clar MAnne



Division of Water Resources

William R. Snodgrass Tennessee Tower, 312 Rosa L. Parks Avenue, 11th Floor, Nashville, Tennessee 37243 1-888-891-8332 (TDEC)

General NPDES Permit for Stormwater Discharges from Construction Activities (CGP)

	7		,	1	- /	
Site or Project Name: Jasper Highl	ands `		NPDES Tracking Nur	nber: TNR	112089	
Primary Permittee Name: John Thor	nton		Date of Inspection: 10	/02/2023		
Current approximate disturbed acreage: 17-20	Has rainfall been checked/daily? Yes No		Name of Inspector: Ty	rler Jeffrey	, CPES	
Current weather conditions: Sunny,	81 degrees		Inspector's Training Certification Number:	135506		
Please check the box if the following	ng items are on-site:					
	Stormwater Pollution Previous	ention Plan (SWPF	PP)	kly inspecti	on docum	entation
pany .		eference Rain Gag		,	orr doodin	onation
		sicience Italii Gag	ge Location.			
Best Management Practices (BMPs Are the Erosion Prevention and Se		unctioning corre	othe If "No " describe be	dove in Con		
Are all applicable EPSCs instal	led and maintained per the S	CIVIDEDS	cuy. II No, describe be	n Con		
Are EPSCs functioning correctly					Yes	□No
Are EDSCs functioning correctly					Yes	□No
3. contrast in the receiving stream	, and no other water quality	impacts per section	n 5.3.2?		Yes	□No
Are EPSCs functioning correctly	y at ingress/egress points su	ch that there is no	evidence of track out?		✓ Yes	□No
5. If applicable, have discharges f section 4.1.4? If "No," describe	below the measures to be ir	nplemented to add	ress deficiencies.		∠ Yes	□No
6. If construction activity at any location has temporarily/permanently ceased, was the area stabilized within 14 days per section 3.5.3.2? If "No," describe below each location and measures taken to stabilize the area(s)						□No
Have pollution prevention measures been installed, implemented, and maintained to minimize the discharge of pollutants from equipment and vehicle washing, wheel wash water, and other wash waters per section 4.1.5? If "No," describe below the measures to be implemented to address deficiencies.						□No
8. If a concrete washout facility is located on site, is it clearly identified on the project and maintained? If "No," describe below the measures to be implemented to address deficiencies.						
Have all previous deficiencies b☑ Check if deficiencies/correct	een addressed? If "No," des	cribe remaining de	eficiencies in Comment	section.	Yes	№ No
Comment Section. If the answer is "N Otherwise, describe any pertinent obs	o" for any of the above, plea			tions to be	taken.	
JH 28 - homesite is being prepared	d for final stabilization					
Cortification and Simulation (math						
Certification and Signature (must be certify under penalty of law that this	document and all attachma	ector and the perm	nittee per Sections 3.5.8	.2 (g) and	7.7.2 of th	e CGP)
submitted information is to the best of penalties for submitting false inform Annotated Section 39-16-702(a)(4), the submitted information is to the best of penalties for submitting false information.	of my knowledge and belief, nation, including the possib	true, accurate, an	nd complete. I am awai	re that ther	e are cini	nificant
Inspector Name Tyler Jeffrey, CPES and Title:	SC	Signature:	en Jo Dans	Date: 10	/2/23	
Primary Permittee Name and Title: Clarence Howard	d, V.P. of Construction	Signature:	r Ame	Date: 10	0/2/23	
				-		



Division of Water Resources

William R. Snodgrass Tennessee Tower, 312 Rosa L. Parks Avenue, 11th Floor, Nashville, Tennessee 37243 1-888-891-8332 (TDEC)

General NPDES Permit for Stormwater Discharges from Construction Activities (CGP)

Site or Project Name: Jasper High	nlands				NPDES Tracking Nu	mber: TNF	112089	
Primary Permittee Name: John Thornton			Date of Inspection: 10/08/2023					
Current approximate disturbed acreage: 17-20	Has rainf daily?	all been che	cked/docu No	mented	Name of Inspector: T	yler Jeffre	y, CPESC	
Current weather conditions: Partly (Cloudy, 76	degrees			Inspector's Training Certification Number:	135506		
Please check the box if the follow	ing items a	re on-site:						
promote the second seco			Preventio	n Plan (SWPf	PP) Twice-wee	kly inspect	ion docum	entation
Site contact information	Rain Gag	ge Off-si	ite Refere	nce Rain Gag	ge Location:			
Best Management Practices (BMF	s):	:						
Are the Erosion Prevention and S		ontrols (EPS	Cs) funct	ioning corre	ctly: If "No," describe b	elow in Cor	nment Sec	ction
Are all applicable EPSCs insta	alled and ma	aintained per	the SWPI	PP?		100 Tom (80 HO) A 40 CO (41 A 1880)	Yes	□No
2. Are EPSCs functioning correct	ly at all dist	urbed areas/	material s	torage areas	per section 4.1.5?		Yes	□No
Are EPSCs functioning correct	ly at outfall/	discharge po	oints such	that there is r	no objectionable color		✓ Yes	□No
contrast in the receiving stream Are EPSCs functioning correct								
If applicable, have discharges	from dewate	ering activitie	es been m	anaged by an	propriate controls per		Yes	□No
section 4.1.4? If "No," describe	e below the	measures to	be impler	nented to add	dress deficiencies.		Yes	□No
6. If construction activity at any lo days per section 3.5.3.2? If "N	o," describe	below each	location a	nd measures	taken to stabilize the a	rea(s)	Yes	□No
Have pollution prevention mea 7. pollutants from equipment and "No," describe below the meas	sures been vehicle was	installed, imp shing, wheel	plemented	d, and maintai	ined to minimize the dis	charge of	Yes	□No
8. If a concrete washout facility is If "No," describe below the mea	located on	site, is it clea	arly identif	ied on the pro	piect and maintained?	≥ N/A	☐Yes	□No
 Have all previous deficiencies 	been addres	ssed? If "No,	" describe	remaining de	eficiencies in Comment	section.	Yes	No
Check if deficiencies/correct Comment Section. If the answer is "N						tions to be		
Otherwise, describe any pertinent of	servations:			sacribe the pro	oblem and corrective at	ctions to be	такеп.	
**No EPSC Maintenance needs o	bserved or	n this inspec	ction					
		,						
Certification and Signature (must be	e signed by	the certified	Linspector	and the perm	nittee per Sections 3 5 9	2 (a) and	7 7 2 of the	- CCD\
I certify under penalty of law that this	s document	and all attac	chments w	ere prepared	by me or under my di	rection or s	unervision	The
I certify under penalty of law that this document and all attachments were prepared by me, or under my direction or supervision. The submitted information 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. As specified in Tennessee Code Annotated Section 39-16-702(a)(4), this declaration is made under penalty of perjury.								
Inspector Name Tyler Jeffrey, CPE and Title:				nature:	en Jellin)	Date: 10	/8/23	
Primary Permittee Clarence Howar Name and Title:	d, V.P. of (Construction	n Sig	nature:	r Harre	Date: 10	0/8/23	



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General NPDES Permit for Stormwater Discharges from Construction Activities (CGP)

	_				,	
Site or Project Name: Jasper High	llands		NPDES Tracking Nu	mber: TNR	112089	
Primary Permittee Name: John Thornton			Date of Inspection: 10/11/2023			
Current approximate disturbed acreage: 17-20	Has rainfall been checked/daily? Yes N		Name of Inspector: Ty	ler Jeffre	y, CPES	
Current weather conditions: Cloudy	, 71 degrees		Inspector's Training Certification Number:	135506		
Please check the box if the follow	ing items are on-site:					
	Stormwater Pollution Prev	ention Plan (SWPF	PP)	kly inspecti	on docum	entation
Site contact information	Rain Gage	eference Rain Gag	ge Location:			
Best Management Practices (BMP			-			
Are the Erosion Prevention and Se	ediment Controls (EPSCs)	unctioning corre	ctly: If "No," describe be	elow in Cor	nment Se	ction
Are all applicable EPSCs insta	lled and maintained per the S	SWPPP?			✓ Yes	□No
Are EPSCs functioning correct					✓ Yes	□No
 Are EPSCs functioning correct contrast in the receiving stream 	ly at outfall/discharge points on and no other water quality	such that there is r impacts per sectio	no objectionable color n 5.3.2?		✓ Yes	□No
 Are EPSCs functioning correct 	ly at ingress/egress points su	ch that there is no	evidence of track out?		Yes	□No
5. If applicable, have discharges section 4.1.4? If "No," describe	from dewatering activities be below the measures to be in	en managed by ap	propriate controls per Iress deficiencies.		Yes	□No
6 If construction activity at any lo	cation has temporarily/perma	nently ceased, wa	as the area stabilized wit	thin 14 rea(s)	Yes	□No
days per section 3.5.3.2? If "No," describe below each location and measures taken to stabilize the area(s) Have pollution prevention measures been installed, implemented, and maintained to minimize the discharge of pollutants from equipment and vehicle washing, wheel wash water, and other wash waters per section 4.1.5? If "No," describe below the measures to be implemented to address deficiencies.						
8. If a concrete washout facility is located on site, is it clearly identified on the project and maintained? If "No," describe below the measures to be implemented to address deficiencies.						
9. Have all previous deficiencies been addressed? If "No," describe remaining deficiencies in Comment section. ☐ Check if deficiencies/corrective measures have been reported on a previous form.						
Comment Section. If the answer is "N	No" for any of the above, plea			tions to be	taken.	
Otherwise, describe any pertinent ob JF 50 - Construction was observe		silt fence should	he renaired			
	a ricar tino otroain barror,	ont forfoo should	be repaired			
Cortification and Simulation (model)						
Certification and Signature (must be certify under penalty of law that this	s document and all attachmo	ector and the pern	nittee per Sections 3.5.8	.2 (g) and	7.7.2 of th	e CGP)
penalties for submitting false information and false information 39-16-702(a)(4), t	of my knowledge and belief, nation, including the possib his declaration is made unde	true, accurate, ar ility of fine and i	nd complete. I am awar mprisonment. As spe	re that their	re are sign	nificant
Inspector Name Tyler Jeffrey, CPE and Title:	SC	Signature:	en Jo Dans	Date: 10	/11/23	
Primary Permittee Clarence Howar Name and Title:	d, V.P. of Construction	Signature:	Han J	Date: 10	0/11/23	



Division of Water Resources

William R. Snodgrass Tennessee Tower, 312 Rosa L. Parks Avenue, 11th Floor, Nashville, Tennessee 37243 1-888-891-8332 (TDEC)

General NPDES Permit for Stormwater Discharges from Construction Activities (CGP)

Site or Project Name: Jasper Highlands	NPDES Tracking Number: TNR 112089						
Primary Permittee Name: John Thornton	Date of Inspection: 10/18/2023						
Current approximate disturbed acreage: Has rainfall been checked/daily? Yes No	documented Name of Inspector: Tyler, leffroy, CRESC						
Current weather conditions: Sunny, 71 degrees	Inspector's Training Certification Number: 135506						
Please check the box if the following items are on-site:							
✓ Notice of Coverage (NOC) ✓ Stormwater Pollution Previous	ention Plan (SWPPP)						
Site contact information Rain Gage Off-site Re	eference Rain Gage Location:						
Best Management Practices (BMPs):							
Are the Erosion Prevention and Sediment Controls (EPSCs) to	unctioning correctly: If "No," describe below in Comment Section						
Are all applicable EPSCs installed and maintained per the S							
Are EPSCs functioning correctly at all disturbed areas/mate							
 Are EPSCs functioning correctly at outfall/discharge points contrast in the receiving stream, and no other water quality 	such that there is no objectionable color mpacts per section 5.3.2?						
4. Are EPSCs functioning correctly at ingress/egress points su	ch that there is no evidence of track out?						
5. If applicable, have discharges from dewatering activities bersection 4.1.4? If "No," describe below the measures to be in	nplemented to address deficiencies.						
6. If construction activity at any location has temporarily/permadays per section 3.5.3.2? If "No," describe below each locat	nently ceased, was the area stabilized within 14 ion and measures taken to stabilize the area(s) ✓ Yes ☐ No						
Have pollution prevention measures been installed, implemented, and maintained to minimize the discharge of pollutants from equipment and vehicle washing, wheel wash water, and other wash waters per section 4.1.5? If "No," describe below the measures to be implemented to address deficiencies.							
8. If a concrete washout facility is located on site, is it clearly identified on the project and maintained? If "No," describe below the measures to be implemented to address deficiencies.							
Have all previous deficiencies been addressed? If "No," describe remaining deficiencies in Comment section. ☐ Yes ☐ Check if deficiencies/corrective measures have been reported on a previous form.							
Comment Section. If the answer is "No" for any of the above, plea							
Otherwise, describe any pertinent observations: JF 50 - Construction was observed near this stream buffer,							
Certification and Signature (must be signed by the certified insp	ector and the permittee per Sections 3.5.8.2 (g) and 7.7.2 of the CGP)						
I certify under penalty of law that this document and all attachme submitted information is to the best of my knowledge and belief, penalties for submitting false information, including the possib Annotated Section 39-16-702(a)(4), this declaration is made under	nts were prepared by me, or under my direction or supervision. The true, accurate, and complete. I am aware that there are significant illity of fine and imprisonment. As specified in Tennessee Code						
Inspector Name Tyler Jeffrey, CPESC and Title:	Signature: Date: 10/18/23						
Primary Permittee Clarence Howard, V.P. of Construction Name and Title:	Signature: Date: 10/18/23						



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General NPDES Permit for Stormwater Discharges from Construction Activities (CGP)

Site or Project Name: Jasper Highlands	NPDES Tracking Number: TNR 112089								
Primary Permittee Name: John Thornton	Date of Inspection: 10/21/2023								
Current approximate disturbed acreage: Has rainfall been checked daily? Yes									
Current weather conditions: Sunny, 73 degrees	Inspector's Training Certification Number: 135506								
Please check the box if the following items are on-site:									
✓ Notice of Coverage (NOC) ✓ Stormwater Pollution Pr	evention Plan (SWPPP)								
☑ Site contact information ☑ Rain Gage ☐ Off-site	Reference Rain Gage Location:								
Best Management Practices (BMPs):									
Are the Erosion Prevention and Sediment Controls (EPSCs	s) functioning correctly: If "No," describe below in Comment Section								
Are all applicable EPSCs installed and maintained per th	e SWPPP? ☑ Yes □ No								
Are EPSCs functioning correctly at all disturbed areas/ma	aterial storage areas per section 4.1.5? ☑ Yes ☐ No								
 Are EPSCs functioning correctly at outfall/discharge poin contrast in the receiving stream, and no other water quali 	ty impacts per section 5.3.2?								
Are EPSCs functioning correctly at ingress/egress points	such that there is no evidence of track out? ☑ Yes □ No								
5. If applicable, have discharges from dewatering activities section 4.1.4? If "No," describe below the measures to be	e implemented to address deficiencies.								
6. If construction activity at any location has temporarily/per days per section 3.5.3.2? If "No," describe below each loc	cation and measures taken to stabilize the area(s)								
Have pollution prevention measures been installed, imple 7. pollutants from equipment and vehicle washing, wheel washing, describe below the measures to be implemented to	emented, and maintained to minimize the discharge of ash water, and other wash waters per section 4.1.5? If Yes No address deficiencies.								
8. If a concrete washout facility is located on site, is it clearly if "No," describe below the measures to be implemented	to address deficiencies.								
9. Have all previous deficiencies been addressed? If "No," describe remaining deficiencies in Comment section. ☑ Check if deficiencies/corrective measures have been reported on a previous form.									
Comment Section. If the answer is "No" for any of the above, pl	eported on a previous form.								
Otherwise, describe any pertinent observations: No EPSC Maintenance issues to note from this inspection									
Certification and Signature (must be signed by the certified in	Certification and Signature (must be signed by the certified inspector and the permittee per Sections 3.5.8.2 (g) and 7.7.2 of the CGP)								
submitted information is to the best of my knowledge and beli- penalties for submitting false information, including the post Annotated Section 39-16-702(a)(4), this declaration is made un	ments were prepared by me, or under my direction or supervision. The ef, true, accurate, and complete. I am aware that there are significant sibility of fine and imprisonment. As specified in Tennessee Code								
Inspector Name Tyler Jeffrey, CPESC and Title:	Signature: Date: 10/21/23								
Primary Permittee Clarence Howard, V.P. of Construction Name and Title:	Signature: Date: 10/21/23								



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General NPDES Permit for Stormwater Discharges from Construction Activities (CGP)

					,	
Site or Project Name: Jasper Highl	ands		NPDES Tracking Nu	mber: TNR	112089	
Primary Permittee Name: John Thor	nton		Date of Inspection: 10	/24/2023	Mary place on the second	
Current approximate disturbed acreage: 17-20	Has rainfall been checked/daily? Yes N		Name of Inspector: Ty	ler Jeffre	y, CPESC	0
Current weather conditions: Sunny,	76 degrees		Inspector's Training Certification Number:	135506		
Please check the box if the following	ng items are on-site:					
✓ Notice of Coverage (NOC)	Stormwater Pollution Prev	ention Plan (SWPF	PP)	kly inspecti	on docum	entation
Transit of the Control of the Contro		eference Rain Gag				
Best Management Practices (BMPs						
Are the Erosion Prevention and Se		functioning correc	ctly: If "No " describe be	alow in Cor	nment So	otion
Are all applicable EPSCs instal	led and maintained per the S	SWPPP?	ory. If 140, describe be	SIOW III COI	✓ Yes	No
2. Are EPSCs functioning correctly			per section 4 1 52			
Are EPSCs functioning correctly	v at outfall/discharge points	such that there is n	o objectionable color		Yes	□No
contrast in the receiving stream	i, and no other water quality	impacts per section	1 5.3.2?		✓ Yes	☐ No
Are EPSCs functioning correctly	y at ingress/egress points su	ich that there is no	evidence of track out?		✓ Yes	□No
5. If applicable, have discharges for section 4.1.4? If "No," describe	below the measures to be in	nplemented to add	ress deficiencies.		Yes	□No
6. If construction activity at any loc days per section 3.5.3.2? If "No	, describe below each locat	ion and measures	taken to stabilize the ar	ea(s)	✓ Yes	□No
Have pollution prevention meas 7. pollutants from equipment and "No," describe below the measi	sures been installed, implem vehicle washing, wheel wash ures to be implemented to ac	ented, and maintain n water, and other water, and other water, and other water, and other water.	ned to minimize the disc wash waters per section	charge of	✓ Yes	□No
8. If a concrete washout facility is located on site, is it clearly identified on the project and maintained? If "No," describe below the measures to be implemented to address deficiencies.						
9. Have all previous deficiencies been addressed? If "No," describe remaining deficiencies in Comment section. ☑ Check if deficiencies/corrective measures have been reported on a previous form.						
Comment Section. If the answer is "N Otherwise, describe any pertinent obs No EPSC Maintenance issues to n	o" for any of the above, plea servations:			tions to be	taken.	
Site conditions are dry, and any ne		that has already	/ been installed			
		1				
Certification and Signature (must be	e signed by the certified insp	ector and the perm	ittee per Sections 3.5.8	.2 (g) and	7.7.2 of the	e CGP)
I certify under penalty of law that this submitted information is to the best of penalties for submitting false inform Annotated Section 39-16-702(a)(4), the	or my knowledge and belief, nation, including the possib	true, accurate, and in	d complete. I am awar	o that the	o are ciar	rificant
Inspector Name Tyler Jeffrey, CPES and Title:		Signature:	24901Day	Date: 10	/24/23	
Primary Permittee Name and Title: Clarence Howard	I, V.P. of Construction	Signature:	Hun	Date: 10)/24/23	



Division of Water Resources

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General NPDES Permit for Stormwater Discharges from Construction Activities (CGP)

Site or Project Name: Jasper High	nlands		NPDES Tracking Number:	TNR 112089	
Primary Permittee Name: John Tho	ornton		Date of Inspection: 10/27/20	023	
Current approximate disturbed acreage: 17-20	Has rainfall been checked/d daily? ✓ Yes ☐ No	locumented	Name of Inspector: Tyler Je	effrey, CPESC	;
Current weather conditions: Cloudy	v, 78 degrees		Inspector's Training Certification Number: 1358	506	
Please check the box if the follow	ving items are on-site:				
	Stormwater Pollution Preve	ntion Plan (SWPF	PP)	spection docum	entation
Site contact information	Rain Gage Off-site Ref	ference Rain Gag	e Location:		
Best Management Practices (BM				or posturem services of control of the control of t	
Are the Erosion Prevention and S			ctly: If "No," describe below in		
Are all applicable EPSCs inst	alled and maintained per the S	WPPP?		✓ Yes	□No
	ctly at all disturbed areas/mater			✓ Yes	□No
	ctly at outfall/discharge points s m, and no other water quality in			∠ Yes	□No
Are EPSCs functioning correct	ctly at ingress/egress points suc	ch that there is no	evidence of track out?	✓ Yes	□No
	s from dewatering activities bee be below the measures to be im			✓ Yes	□No
	location has temporarily/perma No," describe below each location				□No
7. pollutants from equipment an	asures been installed, impleme d vehicle washing, wheel wash asures to be implemented to ad	water, and other	wash waters per section 4.1.		□No
	is located on site, is it clearly id easures to be implemented to a			√A □Yes	□No
9	s been addressed? If "No," des ective measures have been repo			on. Yes	☑ No
Comment Section. If the answer is Otherwise, describe any pertinent of No EPSC Maintenance issues to	observations:	se describe the pr	oblem and corrective actions	to be taken.	
Certification and Signature (must	be signed by the certified insp	ector and the peri	mittee per Sections 3.5.8.2 (g) and 7.7.2 of th	ne CGP)
I certify under penalty of law that the submitted information is to the best penalties for submitting false information 39-16-702(a)(4)	his document and all attachme st of my knowledge and belief, ormation, including the possib , this declaration is made unde	ents were prepared true, accurate, a cility of fine and	d by me, or under my direction nd complete. I am aware the imprisonment. As specified	on or supervision at there are sig	on. The gnificant
Inspector Name Tyler Jeffrey, CF and Title:	PESC	Signature:	les Jeffrey Di	ate: 10/27/23	
Primary Permittee Name and Title: Clarence How	ard, V.P. of Construction	Signature:	Aure Da	ate: 10/27/23	



537 Market Street, Suite 202 ● Chattanooga, TN 37402 ● phone: (423) 266-3501 ● adengineering.us

Clarence Howard Thunder Enterprises 104 Battle Creek Rd Kimball, TN 37347

October 5, 2023

RE: Site Assessment Report Individual Construction Permit TN0081949 Jasper Highlands ADE Project No. 16161

This site assessment report has been prepared to meet the requirements set forth in Part IV, Section C of the NPDES Permit TN0081949. Please keep a copy of this report and all future site assessment reports on site in the same location as you keep the SWPPP. This report documents the licensed professional engineer's assessment of the areas draining to outfalls S10, S28, S34, S59, S66, S98, S153, S171, S172, S201, S208, S218 and S275.

Mike Hodges (A.D. Engineering) visited the project site on October 5, 2023, to observe the functionality of the Erosion Prevention and Sediment Control measures described in the SWPPP for the specified outfalls listed above. To maintain social distancing due to COVID-19, ADE chose to perform this site visit without a Jasper Highlands employee.

The sampling location signage has been installed at all actively disturbed outfall points. ADE understands that the signs for all the other undisturbed outfalls listed above will be installed prior to those areas being disturbed. ADE understands that sampling of all the actively disturbed outfall points is being conducted for each qualifying event.

The following observations were made for the selected outfalls:

Outfall S10

• There is no disturbed area currently within the outfall S10 drainage basin.

Outfall S28

• There is no disturbed area currently within the outfall S28 drainage basin.

• There is no disturbed area currently within the outfall S34 drainage basin.

Outfall S59

- Currently the disturbed area within outfall S59 consists of two homes being constructed totaling approximately 1.0 acres of disturbance.
- A stormwater basin has been installed and appears to be functioning properly (see photo 1).
- The outfall sampling location was observed, and no signs of sediment discharge were observed.

Outfall S66

• There is no disturbed area currently within the outfall S66 drainage basin.

Outfall S98

- Currently the disturbed area within outfall S98 consists of two homes being constructed totaling approximately 0.60 acres of disturbance.
- The individual lot-level erosion controls were observed and appeared to be functioning properly (see photo 2).
- The outfall sampling location was observed, and no sign of sediment discharge were observed.

Outfall S153

- Currently the disturbed area within outfall S153 consists of six home construction sites. The disturbed area within the outfall S153 drainage basin is approximately 3.0 acres.
- The individual lot-level erosion controls were observed and appeared to be functioning properly (see photo 3).
- The stormwater basins have been installed and appear to be stabilized.

Outfall S171

• There is no disturbed area currently within the outfall S172 drainage basin.

• There is no disturbed area currently within the outfall S172 drainage basin.

Outfall S201

- Currently the disturbed area within outfall S201 consists of three home construction sites. The disturbed area within the outfall S201 drainage basin is approximately 1.2 acres.
- The individual lot-level erosion controls were observed and appeared to be functioning properly (see photo 4).
- The stormwater basins have been installed and appear to be stabilized.

Outfall S208

- Currently the disturbed area within outfall S208 consists of 2 home construction sites, roadway construction, and utility installation along the roadway. The disturbed area within the outfall S208 drainage basin is approximately 2.0 acres.
- The stormwater basins have been installed and appear to be stabilized.
- The individual lot-level erosion controls were observed and appeared to be functioning properly (see photo 5).

Outfall S218

- Currently the disturbed area within outfall S218 consists of 7 home construction sites, roadway construction, and utility installation along the roadway. The disturbed area within the outfall S218 drainage basin is approximately 2.5 acres.
- Rock check dams have been installed in the roadside ditch and appear to be functioning appropriately (see photo 6).
- The individual lot-level erosion controls were observed and appeared to be functioning properly.

- Currently the disturbed area within outfall S275 consists of roadway construction,
 1 home construction site and utility installation along the roadway. The disturbed area within the outfall S275 drainage basin is approximately 0.75 acres.
- The individual lot-level erosion controls were observed and appeared to be functioning properly.
- A stormwater basin has been installed and appears to be stabilized (see photo 7).

Please call me at (423) 266-3501 with any questions you might have.

Sincerely,

A.D. ENGINEERING SERVICES, INC.

Michael C. Hodges, P.E

attachments: Photographic Log

Michael & Hodges

Photo 1:

Outfall S59

A stormwater basin has been installed and appears to be functioning properly.

Photo Taken 10/5/2023

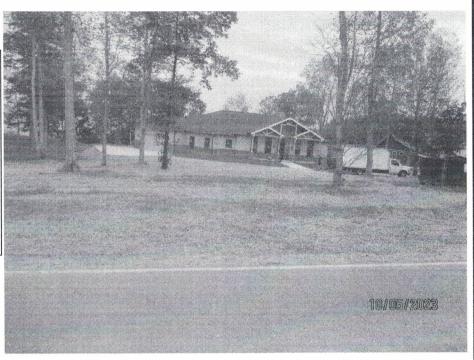


Photo 2:

Outfall S98

The individual lot level erosion controls have been installed and appear to be functioning properly.

Photo Taken 10/5/2023





537 Market Street, Ste 202 Chattanooga, TN 37402 Phone (423) 266-3501 Date: 10/5/2023

JASPER HIGHLANDS Site Assessment Report Marion County, TN

Photo 3:

Outfall S153

The individual lot level erosion controls have been installed and appear to be functioning properly.

Photo Taken 10/5/2023

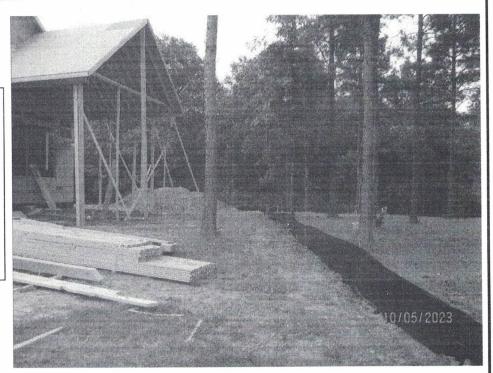


Photo 4:

Outfall S201

The individual lot level erosion controls have been installed and appear to be functioning properly.

Photo Taken 10/5/2023





537 Market Street, Ste 202 Chattanooga, TN 37402 Phone (423) 266-3501 Date: 10/5/2023

JASPER HIGHLANDS Site Assessment Report Marion County, TN

Photo 5:

Outfall S208

The individual lot level erosion controls have been installed and appear to be functioning properly.

Photo Taken 10/5/2023

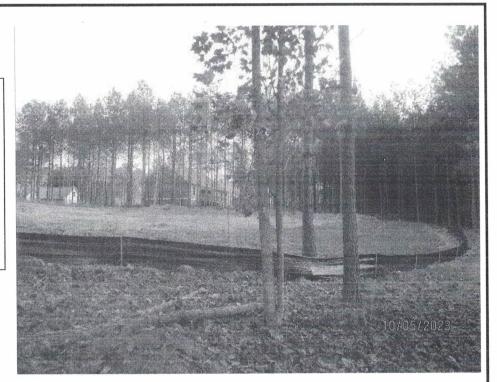
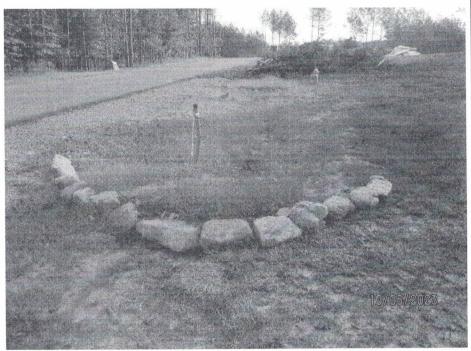


Photo 6:

Outfall S218

Rock check dams have been installed along a roadside ditch and they appear to be functioning properly.

Photo Taken 10/5/2023





537 Market Street, Ste 202 Chattanooga, TN 37402 Phone (423) 266-3501 Date: 10/5/2023

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Photo 7:

Outfall S275

A stormwater basin has been installed and appears to be functioning properly.

Photo Taken 10/5/2023





537 Market Street, Ste 202 Chattanooga, TN 37402 Phone (423) 266-3501 Date: 10/5/2023

JASPER HIGHLANDS Site Assessment Report Marion County, TN



537 Market Street, Suite 202 • Chattanooga, TN 37402 • phone: (423) 266-3501 • adengineering.us

Clarence Howard Thunder Enterprises 104 Battle Creek Rd Kimball, TN 37347 October 30, 2023

RE: Site Assessment Report

Individual Construction Permit TN0081949

Jasper Highlands ADE Project No. 16161

This site assessment report has been prepared to meet the requirements set forth in Part IV, Section C of the NPDES Permit TN0081949. Please keep a copy of this report and all future site assessment reports on site in the same location as you keep the SWPPP. This report documents the licensed professional engineer's assessment of the areas draining to outfalls S10, S28, S34, S59, S66, S98, S153, S171, S172, S201, S208, S218 and S275.

John West (A.D. Engineering) visited the project site on October 30, 2023 to observe the functionality of the Erosion Prevention and Sediment Control measures described in the SWPPP for the specified outfalls listed above. To maintain social distancing due to COVID-19, ADE chose to perform this site visit without a Jasper Highlands employee.

The sampling location signage has been installed at all actively disturbed outfall points. ADE understands that the signs for all the other undisturbed outfalls listed above will be installed prior to those areas being disturbed. ADE understands that sampling of all the actively disturbed outfall points is being conducted for each qualifying event.

The following observations were made for the selected outfalls:

Outfall S10

There is no disturbed area currently within the outfall S10 drainage basin.

Outfall S28

There is no disturbed area currently within the outfall S28 drainage basin.

Outfall S34

There is no disturbed area currently within the outfall S34 drainage basin.

- Currently the disturbed area within outfall S59 consists of two homes being constructed totaling approximately 1.0 acres of disturbance.
- The outfall sampling location was observed. No runoff was present, and no signs
 of sediment discharge were observed.
- Individual home construction sites were observed, and erosion control measures appeared to be in place and functioning properly (see photo 1).

Outfall S66

There is no disturbed area currently within the outfall S66 drainage basin.

Outfall S98

- Currently the disturbed area within outfall S98 consists of two homes being constructed totaling approximately 0.6 acres of disturbance.
- The outfall sampling location was observed, and no signs of sediment discharge were observed (see photo 2).

Outfall S153

- Currently the disturbed area within outfall S153 consists of six home construction sites. The disturbed area within the outfall S153 drainage basin is approximately 3.0 acres.
- An individual home construction site was observed, and erosion control measures appeared to be in place and functioning properly (see photo 3).
- The outfall sampling location was observed, and no signs of sediment discharge were observed.

Outfall S171

• There is no disturbed area currently within the outfall S171 drainage basin.

Outfall S172

• There is no disturbed area currently within the outfall S172 drainage basin.

- Currently the disturbed area within outfall S201 consists of three house construction sites. The disturbed area within the outfall S201 drainage basin is approximately 1.2 acres.
- An individual home construction site was observed, and erosion control measures appeared to be in place and functioning properly (see photo 4).

Outfall S208

- Currently the disturbed area within outfall S208 consists of the construction of 2 home construction sites, roadway construction, and utility installation along the roadway. The disturbed area within the outfall S208 drainage basin is approximately 2.0 acres.
- An individual home construction site was observed, and seed and straw have covered a previously disturbed area (see photo 5).

Outfall S218

- Currently the disturbed area within outfall S218 consists of 7 home construction sites, roadway construction, and utility installation along the roadway. The disturbed area within the outfall S218 drainage basin is approximately 2.5 acres.
- A new individual home construction site was observed. Erosion control measures should be installed below disturbed areas (see photo 6).

Outfall S275

- Currently the disturbed area within outfall S275 consists of roadway construction, utility installation along the roadway, and one home construction site. The disturbed area within the outfall S275 drainage basin is approximately 0.75 acres.
- A roadside swale was observed. The swale has recently been stabilized with grass, matting, and rock check dams (see photo 7).

Please call me at (423) 266-3501 with any questions you might have.

Sincerely,

A.D. ENGINEERING SERVICES, INC.

John West, P.E.

you West

attachments: Photographic Log

Photo 1:

Outfall S59

An individual home construction site was observed, and erosion control measures appeared to be in place and functioning properly.

Photo Taken 10/30/2023

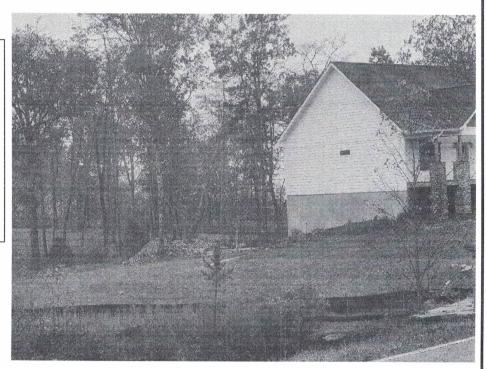


Photo 2:

Outfall S98

The outfall sampling location was observed. No runoff was present, and no signs of sediment discharge were observed.

Photo Taken 10/30/2023





537 Market Street, Suite 202 Chattanooga, TN 37402 Phone (423) 266-3501 Date: 10/30/2023

JASPER HIGHLANDS Site Assessment Report Marion County, TN

Photo 3:

Outfall S153

An individual home construction site was observed, and erosion control measures appeared to be in place and functioning properly.

Photo Taken 10/30/2023

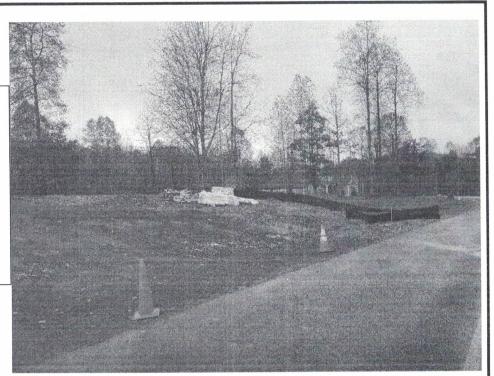
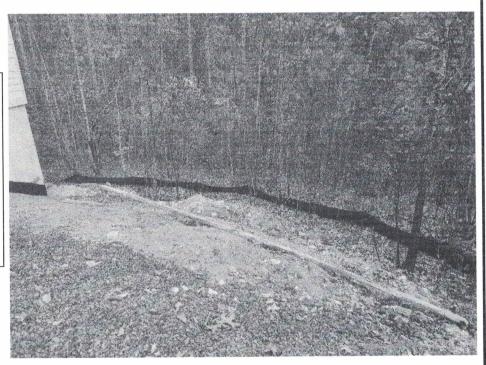


Photo 4:

Outfall S201

An individual home construction site was observed, and erosion control measures appeared to be in place and functioning properly.

Photo Taken 10/30/2023





537 Market Street, Suite 202 Chattanooga, TN 37402 Phone (423) 266-3501 Date: 10/30/2023

JASPER HIGHLANDS Site Assessment Report Marion County, TN

Photo 5:

Outfall S208

An individual home construction site was observed, and seed and straw have covered a previously disturbed area.

Photo Taken 10/30/2023

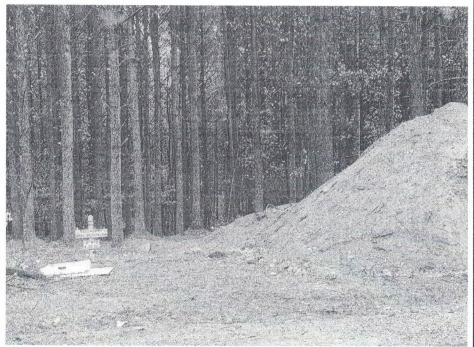


Photo 6:

Outfall S218

A new individual home construction site was observed. Erosion control measures should be installed below disturbed areas.

Photo Taken 10/30/2023





537 Market Street, Suite 202 Chattanooga, TN 37402 Phone (423) 266-3501 Date: 10/30/2023

JASPER HIGHLANDS Site Assessment Report Marion County, TN

Photo 7:

Outfall S275

A roadside swale was observed. The swale has recently been stabilized with grass, matting, and rock check dams.

Photo Taken 10/30/2023





537 Market Street, Suite 202 Chattanooga, TN 37402 Phone (423) 266-3501 Date: 10/30/2023

JASPER HIGHLANDS Site Assessment Report Marion County, TN

FW: JH Monthly October 2023

Jennifer Innes <Jennifer.Innes@tn.gov>

Wed 11/15/2023 4:25 PM

To:Cali Calderwood <Cali.Calderwood@tn.gov>;Hannah L. Biggs <Hannah.L.Biggs@tn.gov>

1 attachments (13 MB)

JH Monthly October 2023.zip;

Jasper Highlands.

From: Heath <hhall@tnland.com>

Sent: Wednesday, November 15, 2023 1:32 PM **To:** Jennifer Innes < Jennifer.Innes@tn.gov>

Cc: Clarence Howard <clarence@thunderenterprises.com>

Subject: [EXTERNAL] JH Monthly October 2023

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

Attached Bi-Weekly Certification, Site Assessment, and Inspection reports.

Heath W. Hall

Construction Project Manager Thunder Enterprises, Inc.

104 Battle Creek Rd.
South Pittsburg, TN 37380
706-260-1725
hhall@tnland.com